


<b>MEASURE TECHNO LAB</b> <b>2, B.T. ROAD (JAYANTI CINEMA COMPLEX)</b> <b>BARRACKPORE, KOLKATA - 700120, W.B.</b> <b>Phone : 033 - 2215 - 0032, 2215 - 9687, 8100875519,</b> <b>Mobile: 9831190974 , LAB:- 8100143376,</b> <b>E-mail: measuretechno@yahoo.co.in</b>	Form No. - MTL/22/2006	 <small>NABL ACCREDITED LABORATORY Certificate No. CC - 2543</small>
	<b>CALIBRATION CERTIFICATE OF</b> <b>HYGROMETER</b>	
CALIBRATION CERTIFICATE NO.: MTL / UWC / R12 / 02 - 22	ULR - CC254522000006601F	Page: 1 of 1

1.0 Service Request No.: MTL / 23A / 02 / 21 - 22

1.1 Issued to: M/s. Unique Wellness Care,  
Plot No. 19, Street No. 5/12, Guru Nanak Dev Colony,  
New Delhi - 110042.

1.2 Description & Identification of item to be Calibrated:	a) Name:	Hygrometer	b) Code No.:	HM - 02
	c) Sl. No.:	N.S.	d) Make:	Hucer
	e) Model / Type:	3123	f) Range:	0 % RH to 100 % RH
	g) Sensor:	N.A.	h) Resolution:	1 % RH
	i) End User:	Lab	j) Accuracy:	N.S.
	k) Calibration done at:	On Site / $\sqrt$ In House		

1.3 Date of receipt of item : 21-02-24

1.4 Physical Condition of DUC : OK

1.5 Date of calibration : 23-02-24

1.6 Recommended date of next calibration : 23-02-25

1.7 Date of Issue : 25-02-24

1.8 Environmental Conditions During Calibration: Temperature: 23.5 °C  
Humidity: 58.9 % RH

1.9 Method of Calibration: SOP / TH / HU - 01

2.0 Traceability :

- a) Standards used for calibration are traceable to National standards through NABL Accredited Laboratory.  
b) The following standards / Equipment have been used.  
i) Temperature & Humidity Data Logger Cal. Certificate No. JRPM-CCTR-THER-2021-0974 (JRPM, Chennai) (Cal. Date: 14/09/21, Due Date: 13/09/22)

2.1 Result :

Sl. No.	Parameter/ Range	Measured Value on DUC % RH	Corrected Std. Value % RH	Error % RH	Measurement Expanded Uncertainty $\pm$ % RH
1.		29	29.8	-0.8	1.79
2.	Humidity	60	61.0	-1.0	1.79
3.	0 % RH to 100 % RH	74	75.3	-1.3	1.79
4.		90	91.8	-1.8	1.79

- Remarks: i) This result has an expanded uncertainty with a coverage factor k=2 at approximately 95% confidence level.  
ii) The calibration certificate issued for this instrument is to be used for scientific or industrial purposes only.  
iii) Error = DUC Reading - Standard Reading.

DUC - Device Under Calibration      N.S. - Not Specified      N.A. - Not Applicable      Std. - Standard

Opinions and Interpretations	
Calibrated	Accepted / Valid for use
Limited Use	Rejected / Out of use

Calibrated by:  
  
**J. Dey**  
**Calibration Engineer**  
**Measure Techno Lab**  
**Testing Engineer**  
**Kolkata**

Checked / Approved by:  
  
**S. Pandey**  
**Quality & Technical Manager**

S. Pandey