


MEASURE TECHNO LAB 2, B.T. ROAD (JAYANTI CINEMA COMPLEX) BARRACKPORE, KOLKATA - 700120, W.B.	Form No. - MTL/22/2006	 NABL ACCREDITED LABORATORY Certificate No. CC - 2545
	CALIBRATION CERTIFICATE OF DIGITAL THERMO HYGROMETER	
Phone : 033 - 2215 - 0032, 2215 - 9687, 8100875519, Mobile: 9831190974 , LAB:- 8100143376, E-mail: measuretechno@yahoo.co.in		
CALIBRATION CERTIFICATE NO.: MTL / CNCI / R18 / 06 - 21	ULR - CC254521000009825F	Page: 1 of 1

1.0 Service Request No.: MTL / 08A / 06 / 21 - 22

1.1 Issued to: M/s. Chittaranjan National Cancer Institute,
 Street No. 299, DJ Block (Newtown),
 Action Area - I, Newtown, West Bengal - 700156.

1.2 Description & Identification of item to be Calibrated:

a) Name:	Digital Thermo Hygrometer	b) Code No.:	DTH - 01
c) Sl. No.:	N.S.	d) Make:	N.S.
e) Model / Type:	HTC - 1	f) Range:	As Per Report
g) Sensor:	N.A.	h) Resolution:	0.1 °C & 1 % RH
i) End User:	Microbiology	j) Accuracy:	N.S.
k) Calibration done at:	On Site / √ In House		

1.3 Date of receipt of item : 08-06-21 1.4 Physical Condition of DUC : OK
 1.5 Date of calibration : 08-06-21 1.6 Recommended date of next calibration : 08-06-22
 1.7 Date of Issue : 10-06-21

1.8 Environmental Conditions During Calibration: Temperature: 23.3 °C
 Humidity: 59.1 % 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-2020-0608 (JRPM, Chennai) (Cal. Date: 16/09/20, Due Date: 15/09/21)

2.1 Result :

Thermal Calibration

Sl. No.	Parameter/ Range	Measured Value on DUC °C	Corrected Std. Value °C	Error °C	Measurement Expanded Uncertainty ± °C & % RH
1.	Temperature	10.3	10.7	-0.4	0.89
2.		30.6	30.9	-0.3	0.89
3.		40.6	41.1	-0.5	0.89
4.		48.7	49.4	-0.7	0.89
5.	Humidity	% RH	% RH	% RH	1.79
6.		21	21.8	-0.8	
7.		61	61.9	-0.9	
8.		81	82.2	-1.2	
		90	91.4	-1.4	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:
Testing Engineer
 I. Dev
Measure Techno Lab
 Testing Engineer
 Kolkata

Checked / Approved by:

Quality & Technical Manager
 S. Pandey