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CALIBRATION CERTIFICATE

Calibrated For :

**VICTOR HOSPITAL,
MADGAON, GOA**

Location of Calibration :- In Lab/On Site
Condition of Item :- Ok

Page No :- 1 of 1
Certificate No :- T20//10/07/10964/04
Date of Received :- 07 10 2020
Date of Calibration :- 07 10 2020
Next Calibration Due On :- 06 10 2021
Date of Issue :- 09 07 2020

DISCRIPTION AND IDENTIFICATION OF ITEM

Name :- Digital Hygrometer Range :- -50 – 80°C / 10-99 %RH
ID No :- NIL Make :- ACETEQ
Least Count :- 0.1°C / 1% RH Department :- Pathology
Location :- LAB

Environment Condition :- Ambient Temp. 25°C (+/- 4°C) Humidity :- 30 to 70% RH

Calibration Procedure No :- AICLPLWP/38 Reference Used For Calibration :- IS-13736

EQUIPMENTS USED FOR CALIBRATION

Used standards are traceable to National / International Standards through Direct / NABL Accredited Calibration Laboratory

Description	Calibration Agency	Calibration Certificate No.	Valid Up to
Temp. & Humidity Indicator with Sensor	N. E. C Nashik	CAL/19-20/CC/4550	13/02/2021

CALIBRATION RESULTS

A) Temperature

Calibration Points °C	Standard Reading	UUC Readings °C	Error in °C	Expanded Uncertainty in +/- °C
20	20.07	20.2	0.13	0.92
30	30.20	30.3	0.10	0.92
40	40.25	40.4	0.15	0.92

B) Humidity

Calibration Points % RH	Standard Reading % RH	UUC Readings % RH	Error in % RH	Expanded Uncertainty in +/- % RH
30	30.12	32	1.86	2.61
60	62.23	63	0.75	2.61
90	90.81	92	1.15	2.61

The reported measurement uncertainty estimated at a level of confidence of approximately 95.45% with a coverage factor k = 2.

Calibrated By : <i>D. Magar</i> Dashrath Magar (Technical Assistance)		Authorized By : <i>Vijay Kale</i> Mr. Vijay Kale (Technical Manager)
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X-X-X-X-X-X- End of certificate -X-X-X-X-X

- The calibration results reported in this certificate are valid at the time of & stated condition of measurement.
- The certificate should not be reproduced except in full without prior permission in writing
- This certificate relates only to the item calibrated
- The policies and procedures at the facility comply with ISO/IEC 17025:2005

AICLPL/F/04



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CALIBRATION RESULTS

A) Temperature

Calibration Points °C	Standard Reading	UUC Readings °C	Error in °C	Expanded Uncertainty in +/- °C
20	20.07	20.2	0.13	0.92
30	30.15	30.3	0.15	0.92
40	40.29	40.4	0.11	0.92

B) Humidity

Calibration Points % RH	Standard Reading % RH	UUC Readings % RH	Error in % RH	Expanded Uncertainty in +/- % RH
30	30.67	32	1.33	2.61
60	62.20	63	0.80	2.61
90	91.09	92	0.91	2.61

The reported measurement uncertainty estimated at a level of confidence is approximately 95.45% with a coverage factor k = 2.

 Calibrated By : Dashrath Magar (Technical Assistance)		 Authorized By : Mr. Vijay Kale (Technical Manager)
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X-X-X-X-X-X- End of certificate -X-X-X-X-X

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