



GLOBAL TECHNICAL SERVICES

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CC-2957

CALIBRATION CERTIFICATE

1.CUSTOMER :- NOBEL HEALTH LABORATORY MHAPSA, GOA	Page No. :- 1 of 1 SRF No :- GTS/230224/04 Certificate No. :- GTS/230224/04-006 Date of Received :- 24.02.2023 Date of Calibration :- 24.02.2023 Next Calibration Due On :- 23.02.2024 Issue Date :- 27.02.2023 Calibration method No. :- TH-WI-05 ULR No :- CC295723000001624F
Ambient Temp. (°C) :- 25± 4 Relative Humidity (%RH) :- 30 to 75 Location of calibration :- In Lab Condition of Item :- Ok	

2. Description of Item

Name :- Digital Hygrometer Id No :- NHL / HM / 01 Make :- HTC Type :- Digital	Range :- -50 to 80°C/10 to 99%RH Least Count :- 0.1°C/1%RH Location :- LAB Sr No :- 288 - ATH Dept. :- Pathology
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3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID No.	Calibration Validity
Temperature and Humidity Indicator With Sensor	NEC/22-23/AA/271-7	Nashik Engineering Cluster	GTS/THIS/01	10 11 2023

*Discipline Thermal Calibration (Specific heat & Humidity)

4.Calibration Results :-

Temperature @ 50%RH

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Unc in ± °C
10	9.75	10.3	0.55	0.90
20	19.84	20.2	0.36	0.90
40	39.89	40.1	0.21	0.90

Humidity @25°C

%RH	%RH	%RH	%RH	in ± %RH
20	19.68	20	0.32	2.40
50	49.92	51	1.08	2.40
90	89.76	91	1.24	2.40

Note:

- 1)The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95.45% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Global Technical Services, Pune".
- 6)The Instruments used for calibration are traceable to National/International standards and their Calibrations are valid.

Calibrated By

Rohit
Calibration Engineer
Rohit L

Approved By

Swapnil
Technical Manager
Swapnil Bhagwat



RF-55/01

End of Certificate



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