KRC
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KELVIN RESEARCH CENTER

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CALIBRATION CERTIFICATE

User Name: M/s **PEOPLE'S HOSPITAL**
PEOPLE'S CAMPUS, BHANPUR,
BHOPAL(M.P)-462037 (INDIA)

Unit Under Calibration	**HYGROMETER**	**Make / Model No.**	HTC-1 / -----
Certificate No.	**KRC/2020/GH/002-081**	**Range/ Size**	0 to 50 °C / 10 to 95 % RH
Service Request Date	12-Mar-2020	**Least Count**	0.1 °C / 1 % RH
Calibration Date	1-Jul-2020	**UUC Serial No.**	------
Suggested Due Date	30-Jun-2021	**UUC I.D. No.**	PH/CPL BC/HYG/1
Date Of Issue	2-Jul-2020	**Location**	CENTRAL PATHOLOGY LAB (BC CHEMISTRY)
Discipilne	MEDICAL	**Visual Inspection**	OK

Revelant Standard	IEC 60601-2-21:2009	**Calibration Procedure**	KRC/CPM/7.2-47-H-WI	**Performed At**	Site

ENVIRONMENTAL CONDITIONS

Temperature	25 ± 4 °C	**Humidity**	50 ± 20 % RH

MASTER INSTRUMENT USED FOR CALIBRATION

Instrumnet Name	Make	Serial / I.D. No.	Traceability	ULR No.	Suggested Due Date
Temperature-Humidity Controller With Sensor	ACE Instruments	KRC/HTS/01	Asian Technology	CC2239200000003 30F	29-May-2021
4-wire PRT with Indicator	Fluke	33010023	SWASTIK	CC3052190000001 82F	24-Nov-2020

CALIBRATION RESULTS

Serial No	Standard Average Value in (°C)	Measured Average Value in (°C)	Uncertainty (°C)	Standard Average Value in(% RH)	Measured Average Value in(% RH)	Uncertainty (% RH)
1	10.27	10.2	±0.82°C	29.7	29.2	±3.0 % RH
2	20.38	20.6		51.8	51.3	
3	30.14	29.8		65.6	65.5	
4	45.94	45.8		93.8	92.7	

Uncertainty of Measurement: The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k = 2$ such that the coverage probability corresponds to approximately 95%.

Note:

1. The calibration results reported in this certificate are valid at the time of and the stated condition of measurement.
2. The results reported relate only to the above calibrated item.
3. This report should not be reproduced except in full without our prior permission in writing.
4. Calibration certificate without signature are not valid.
5. Rdg. and UUC stands for reading and unit under calibration respectively.
6. This Certificate is in non nabl.

Calibrated By
Calibration Engineer

KELVIN RESEARCH CENTER NOIDA KRC

Approved By
Sachin Chauhan
Authorized Signatory

END OF REPORT