

**CALIBRATION CERTIFICATE**

Doc. No. QC F 5.1


CERTIFICATE NO. :	UTPL/0421/T/0083	CALIBRATION DATE :	15-04-2021
CERTIFICATE ISSUE DATE :	15-04-2021	RECOMENDED DUE DATE :	14-04-2022
Page no :- 1 of 2			
ULR NO. :	CC302521000000083F		
NAME OF CUSTOMER	VISHWAKARMA PATHOLOGY LABORATORY (X-RAY & ECG).		
ADDRESS OF CUSTOMER	NAGAR PALIKA ROAD, Nr. GOVT. HOSPITAL SUMERPUR (PALI) RAJASTHAN- 306902.		
<b>Description of UUC :</b>			
Nomenclature	Digital Thermohygrometer	Make / Model:	HTC / HTC - 1
Instrument Condition:	Satisfactory	Sr. No / Equipment ID No.	VPL23
Date of Receipt	15-04-2021	Range of Capacity	15 to 36°C & 10 to 90% RH
Receipt SRF No.	SRF/04-21/035	Accuracy Class	±0.5°C & ±2.0% RH
Operating Procedure:	TR WT 06	Least Count	0.1 °C & 1 %
Location of calibration	At Lab	Type	Digital
ENV. TEMPERATURE	25 ± 4 °C	ENV. HUMIDITY	30 - 70 %

**REFERENCE STANDARD DETAILS :**

SR. NO.	INSTRUMENT DETAIL	Calibration Done By	Certificate No.	Due Date
1	Temperature and Humidity Indicator With Sensor	SANSEL CALIBRATION LAB.	CC287920000004964F	17-09-2021

**Important Remarks:**

1. This certificate is issued for calibration items submitted for calibration.
2. Equipment used for calibration is calibrated & traceable to National & International Standards.
3. Next calibration date (1 year) mentioned in the certificate is given as per customer request.
4. The reported uncertainty is at coverage factor k=2 which corresponds to a coverage probability of approximately 95% for a normal distribution.
5. Certificate will not reproduce except in full without written permission of UTPL Laboratory. Any hand-written correction or marking in this calibration certificate are not accepted and invalid.
6. UTPL is not liable for any change in calibration data & performance specification on account of malfunctioning of Standards/Instruments/Equipment covered by this certificate due to damage caused to it after issuance of this certificate.


  
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 Calibrated by :
   
 Prashant Patil


  
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 Approved by :
   
 Maulik Dudani

**NABL Accredited Calibration Laboratory as per ISO/IEC: 17025:2017**
**Calibration offered:** Voltmeter, Amp. Meter, Multifunction calibrator, Multimeter, Clamp meter, Resistance, Frequency, Pressure, RPM, Speed, Weights, Weighing Balance, Pressure, Temperature sensor/transmitters, Humidity sensor/transmitters, Process Indicators / Controllers...

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**THERMAL CALIBRATION RESULT**
**TEMPERATURE @ 50 % RH**

Set Point	Reading on Standard	Reading on UUC*	Deviation	(±) Expanded Uncertainty
IN °C	IN °C	IN °C	IN °C	IN °C
15	14.6	14.8	0.2	1.15
20	19.5	19.8	0.3	1.15
25	24.7	24.9	0.2	1.15
30	29.6	29.8	0.2	1.15
36	35.6	35.9	0.3	1.15

**RELATIVE HUMIDITY @ 25 °C**

Set Point	Reading on Standard	Reading on UUC*	Deviation	(±) Expanded Uncertainty
IN %	IN %	IN %	IN %	IN %
25	25.45	27	1.55	2.15
35	35.46	37	1.54	2.15
55	55.38	57	1.62	2.15
75	75.44	77	1.56	2.15
90	90.29	89	-1.29	2.15

**Note: -**

- UUC\*: - Unit Under Calibration
- Reported results are average of 5 readings.
- Reported calibration results are carried out without any adjustment.

\*\* END OF CALIBRATION CERTIFICATE\*\*



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Prashant Patil



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Maulik Dudani