



The Ultimate Calibration Services

The Quality Solutions....



CC-3020

Add.: Gala No. 1&2, Kamalkunj CHS, Opp. Union Bank of India, Near Kaka Gole Foundation, Kulgaon, Badlapur (E), Dist. Thane 421 503.
Phone No.: 9890715627 / 9665003365, Mail : theucs20@gmail.com, info@theultimatecalibration.com • Website : www.theultimatecalibration.com
GST No. : 27AANFT7678Q1ZT | PAN No.: AANFT7678Q

CALIBRATION CERTIFICATE

Calibration Certificate No: UCS/CAL/21110168
Date of calibration: 25-11-2021
ULR No:CC302021000001584F

Date of Issue: 28-11-2021
Suggested Due Date: 25-11-2022

Name and Address of Customer:
Shruti Clinical lab
203/204, Royal Chambers, N.S Road no- 1,
Opp Club Millenium,Mumbai - 400049

Ref. No: Letter
Date: 24-11-2021
Date of Receipt: 24-11-2021
Condition on Receipt: Good

Details of Equipment :

Name : Digital Thermohygrometer with Sensor

Make : HTC	Model: 288-ATH	Sr.No. : ---
Id.No: TH-02	Department : ---	Location : ---
Least Count: 0.1°C / 1 %RH	Range : 0 to 50 °C / 0 to 100 % RH	Accuracy : ± 1 °C & ± 5 % RH

Calibration Points: 20, 25, 30 °C & 30, 50, 90 % RH (As specified by customer)

Calibration Procedure Used: UCS/CAL/306

Environmental Conditions : 25 ± 3 °C & 50 ± 15 % RH

Details of STD equipment used :

Name	Id No	Parameter/Uncertainty	Certificate No	Valid up to
Relative Humidity & Temperature Meter With sensor	UCS/CAL/004	Temperature : ± 0.806 to 0.807°C Relative Humidity : ± 2.392 %RH	M-211030-16-1/A Godrej & Boyce	09-11-2022

OBSERVATIONS :

Discipline : Thermal		Parameter : Temperature		Sub Group : Temperature	
Range	Reading On UUC	Reading on Standard	Error	Expanded Uncertainty	
°C	°C	°C	°C	°C	
0 to 50 (IN)	20.4	20.00	0.40	± 0.91	
	25.5	24.99	0.51	± 0.91	
	30.3	29.80	0.50	± 0.91	
0 to 50 (OUT)	20.2	20.17	0.03	± 0.91	
	25.2	25.03	0.17	± 0.91	
	30.1	29.82	0.28	± 0.91	

Calibrated By : *Patwardhan*
Name & Sign: Swapnil Malwankar



Authorised Signatory : *Patwardhan*
Name & Designation: V.W.Patwardhan
Technical Manager

Format No: UCS/QF/7.8/01

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Discipline : Thermal

Parameter : Humidity

Sub Group : Specific Heat

Range	Reading On UUC	Reading on Standard	Error	Expanded Uncertainty
% RH 0 to 100	% RH 31	% RH 30.57	% RH 0.43	% RH ± 2.68
	50	49.01	0.99	± 2.68
	92	89.75	2.25	± 2.68

Remarks:

1. The readings noted above are average of five readings.
2. The uncertainty expressed as Expanded uncertainty is calculated at the coverage factor k=2 at a confidence level of 95%.

The readings noted are particularly for the equipment submitted for calibration.

The reported values are valid at the time of calibration and under the controlled conditions.

Certificate should not be reproduced except in full with the prior approval of Laboratory.

Any handmade corrections made on the certificate, invalidates the Calibration Certificate.

The Ultimate Calibration Services will not be responsible for any mishandling of equipment after issuing the calibration certificate.

All precautions are being taken while handling the equipment at the time of calibration but lab is not liable for any misbehave of the equipment during calibration or any loss in the process of calibration.

The measurements are traceable to National/International standard.

Calibrated By : Malwankar
Name & Sign: Swapnil Malwankar



Authorised Signatory : Patwardhan
Name & Designation: V.W.Patwardhan
Technical Manager

Format No: UCS/QF/7.8/01

-----End of Certificate-----

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