



# GLOBAL TECHNICAL SERVICES

Sec. No.25, Plot No.49/3, L.I.G. Colony, Pradhikaran, Nigdi, Pune - 411044

Email : globaltechnical007@gmail.com

Mob : 9921239827 / 7276470703 / 9028888728

## CALIBRATION CERTIFICATE

**1.CUSTOMER :-**  
**G1 PATHOLOGY LAB SERVICES**  
Sr No. 10/4,VadgaonKhurd,  
,Singhad Road,Lokamt Office,  
41, Nanded City Rd, Pune,411041

Ambient Temp. (°C) :- 25.6  
Relative Humidity (%RH) :- 49  
Location of calibration :- In Lab  
Condition of Item :- Ok

Page No. :- 1 of 1  
Certificate No. :- GTS/210629/01-008  
Date of Received :- 29.06.2021  
Date of Calibration :- 29.06.2021  
Next Calibration Due On :- 28.06.2022  
Issue Date :- 30.06.2021  
Calibration method No. :- TH-WI-02

### 2. Description of Item

Name :- Thermohygrometer Range :- -50° to70° C 10% to99%RH  
Id No :- G1PLS/ HYG-01 Least Count :- 0.1 ° C / 1% RH  
Make :- HTC Location :- Lab  
Type :- Digital Sr No :- --

### 3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID No.	Calibration Validity
Thermo-Hygrometer	GTS/CAL-2105/26-001	Technocal	GTS/HYG-01	25.05.2022

### \*Thermal Calibration

### 4.Calibration Results :-

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Unc. in ± °C
20	20.02	20.2	0.18	0.80
30	30.03	30.3	0.27	0.80
50	50.10	50.5	0.40	0.80
%RH	%RH	%RH	%RH	in ± %RH
30	30.15	30	-0.15	2.80
50	50.24	51	0.76	2.80
80	80.33	81	0.67	2.80

### 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".

Calibrated By

*D.B*  
Calibration Engineer  
D Ballal



Approved By

*Sw*  
Technical Manager  
Swapnil Bhagwat

RF-55/01

End of Certificate



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## CALIBRATION CERTIFICATE

<b>1.CUSTOMER</b> :- <b>G1 PATHOLOGY LAB SERVICES</b> Sr No. 10/4,VadgaonKhurd, ,Singhad Road,Lokamt Office, 41, Nanded City Rd, Pune,411041	Page No. :- 1 of 1 Certificate No. :- GTS/210629/01-009 Date of Received :- 29.06.2021 Date of Calibration :- 29.06.2021 Next Calibration Due On :- 28.06.2022 Issue Date :- 30.06.2021 Calibration method No. :- TH-WI-02
Ambient Temp. (°C) :- 25.2 Relative Humidity (%RH) :- 51 Location of calibration :- In Lab Condition of Item :- Ok	

<b>2. Description of Item</b>	
Name :- Thermohygrometer I No :- G1PLS/ HYG-02 Make :- HTC Type :- Digital	Range :- -50° to70° 10% to99%RH Least Count :- 0.1° C / 1% RH Location :- Lab Sr No :- --

<b>3.Details of Equipment used for calibration</b>				
Name	Certificate No.	Certified By	ID No.	Calibration Validity
Thermo-Hygrometer	GTS/CAL-2105/26-001	Technocal	GTS/HYG-01	25.05.2022

<b>*Thermal Calibration</b>				
<b>4.Calibration Results</b> :-				
Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Unc. in ± °C
20	20.04	20.2	0.16	0.80
30	30.04	30.4	0.36	0.80
50	50.12	50.5	0.38	0.80
%RH	%RH	%RH	%RH	in ± %RH
30	30.15	30	-0.15	2.80
50	50.24	52	1.76	2.80
80	80.42	82	1.58	2.80

**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
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