



YEA

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YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.

Admn. Office & Lab : 44, Shahid Khudiram Bose Sarani, (formerly Kamardanga Road), Ichapur, Howrah - 711 104

E-mail : calibration@yeagroup.org ★ Visit us at : www.yeagroup.org

CIN : U74140WB2005PTC106389 ★ Toll Free Help Desk : 1800 345 9001

Calibration Certificate

Certificate No.: YEA(C)/ 220620A/S3087/005
ULR No. : CC222122000029123F

Dated : 22.06.2022

Calibrated for : **Sanguine Diagnostics**

H - I/10, Durga Bhawan, VIP Road, Joramandir,
Baguiati (Near Calcutta Public School), Kolkata - 700159.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
21.06.2022	21.06.2023	1	2

Description of Instrument

Name : Digital Thermohygrometer
Identification : SD/DTH-01
Range : (-)50 to 70 °C & 10 to 99% RH
Least Count : 0.1 °C & 1 % RH
Make : N/F
Model : HTC - 1

Service Request No. / Order Reference

: 220620A/S3087/001-010

Receipt of Instrument

: 20.06.2022

Location where calibration performed

: At permanent laboratory

Applicable Specification of Instrument to be Calibrated

: Not Specified

Condition of Instrument to be Calibrated

: Satisfactory

Basis of Calibration

: Comparison method with reference to YEA/WI/T-02 & T - 06

Environmental Condition during Calibration

: *Temp.* : 25±2°C *RH* : 50±15%

Equipment used for Calibration

: Standard Temperature Calibrator, Standard RTD Sensor & Standard Digital RH Indicator with Sensor

Traceability

: To National Standard vide Certificate No.
YEA(C)/210722/Y001/001 valid till 21.07.2022
YEA(C)/ 210820/Y001/001 valid till 19.08.2022
YEA(C)/ 220611/Y001/001 valid till 10.06.2023

Measurement Uncertainty

: The figures are stated in the result at coverage factor
 $k = 2$ corresponding to confidence probability of
95% for normal distribution.

Laboratory Identification

: Sticker is affixed for authentication of calibration.



CC-2221

The above Instrument/Equipment/Machine has been calibrated up to its range.
The results are given in the page 2 to2 ...of the Certificate.

✍

Cont.....2





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Calibrated By : K. Rout

Date: 22.06.2022

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Calibration Results

Thermal Calibration

A) Calibration Results of Digital Thermohygrometer (Temp.)

Sl. No.	DUC Value	Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	15.3	15.21	0.36
2	26.9	26.75	
3	35.2	35.01	
4	49.1	48.79	

B) Calibration Results of Digital Thermohygrometer (RH at 25°C)

Sl. No.	DUC Value	Standard Value	Measurement Uncertainty
	(% RH)	(% RH)	(± % RH)
1	25	25.5	3.36
2	54	54.9	
3	71	72.4	
4	92	93.8	3.41

DUC : Device Under Calibration

REMARKS : The above Digital Thermohygrometer has been calibrated and the readings are tabulated above.

NOTES : This certificate refers to the results tabulated at the time of calibration only for the above mentioned item submitted for calibration and this should not be reproduced, other than in full except with prior written approval from the head of calibration laboratory.

Authorised By

A. Das
Manager Calibration

*** End of the Calibration Certificate ***

