



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)/ 220212A/O995/002
ULR No. : CC222122000008458F

Dated : 17.02.2022

Calibrated for : Olive Heart and Diagnostics
SCO - 210, Sector - 117, TDI City
Airport Road, Mohali.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
14.02.2022	14.02.2023	1	2

Description of Instrument

Name : Thermohygrometer
 Identification : DHG-01
 Range : (-)70 to 50 °C & 0 - 100 % RH
 Least Count : 0.1 °C & 1 % RH
 Make : HTC
 Model : HTC-1

Service Request No. / Order Reference

: 220212A/O995/001-006

Receipt of Instrument

: 12.02.2022

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

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 &
2021/45978/01 valid till 15.06.2022

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.



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

Contd. 2



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Calibrated By : D. Chatterjee

Date: 17.02.2022

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Calibration Results

Thermal Calibration

A) Calibration Results of Thermohygrometer (Temp.)

Sl. No.	DUC Value	Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	10.0	10.25	0.34
2	20.0	20.29	
3	30.0	30.31	
4	40.0	40.29	
5	50.0	50.33	

B) Calibration Results of Thermohygrometer (RH)

Sl. No.	DUC Value	Standard Value	Measurement Uncertainty
	(% RH)	(% RH)	(± % RH)
1	30	31.7	2.17
2	40	41.0	
3	50	51.5	
4	60	61.9	
4	80	82.0	

DUC : Device Under Calibration

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

NOTES : This Certificate refers to the value observed at the time of 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 ***

