



# 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)/ 230209A/1857/003  
ULR No.: CC222123000012078F

Dated : 22.02.2023

Calibrated for : **ICTC Hnahthial CHC**  
Hnahthial,  
Pin - 796571.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
10.02.2023	10.02.2024	1	2

### Description of Instrument

*Name* : Glass Thermometer  
*Identification* : HNA / ICTC / GT - 01  
*Range* : (-)10 to 110 °C  
*Least Count* : 1 °C  
*Make* : N / F  
*Model / Type* : Mercury

Service Request No. / Order Reference

: 230209A/1857/001-003

Receipt of Instrument

: 09.02.2023

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-01

Environmental Condition during Calibration

: **Temp.** : 25±2°C      **RH** : 50±15%

Equipment used for Calibration

: Standard Temperature Calibrator & Standard RTD Sensor

Traceability

: To National Standard vide Certificate No.  
YEA(C)/230125/Y001/001 valid till 24.01.2024  
TL/023/52.1.2 valid till 12.01.2024

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 .  
The results are given in the page 2 to ..... 2 ...of the certificate.

CC-2221

YEA(C)/F-08





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Calibrated By : K. Rout

Date: 22.02.2023

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## Calibration Results

### Thermal Calibration

#### Calibration Results of Glass Thermometer

Sl. No.	DUC Value	Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-10	-10.34	0.60
2	0	-0.17	
3	51	50.62	
4	100	99.46	
5	110	109.21	

DUC : Device Under Calibration

**REMARKS :** The above Glass Thermometer 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 \*\*\*

