

### Calibration Certificate

Certificate No.: YEA(C)/ 230726/C875/003  
ULR No. : CC22212300009968F

Dated : 31.07.2023

Calibrated for : **Central Pollution Control Board**  
Southend Conclave 1582, Rajdanga Main Road,  
Kolkata - 700107, West Bengal, India.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
28.07.2023	28.07.2024	1	2

#### Description of Instrument

*Name* : Glass Thermometer  
*Identification* : CPCB/KOL/DT-M/01/04  
*Range* : -10 to 110 °C  
*Least Count* : 1 °C  
*Make* : Dimple  
*Type* : Alcohol

Service Request No. / Order Reference : 230726/C875/001-016

Receipt of Instrument : 26.07.2023

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-05

Environmental Condition during Calibration : *Temp.* : 25±4°C *RH* : 30 to 75%

Equipment used for Calibration : Standard Temperature Calibrator & Standard RTD Sensor

Traceability : To National Standard vide Certificate No.  
YEA(C)/230123/Y001/001 valid till 22.01.2024  
TL/023/52.1.1 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.



CC-2221

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

Cont.....2



# YEA

☎ : 033 2677 1411/1412, 2667 1909

**YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.**

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

Certificate No.: YEA(C)/230726/C875/003

ULR No. : CC222123000009968F

Calibrated By : K. Rout

Date: 31.07.2023

Page 2 of 2 Pages

### Calibration Results

#### Thermal Calibration

#### Calibration Results of Glass Thermometer

Sl. No.	DUC Value	Standard Value	Measurement Uncertainty
	( °C )	( °C )	( ± °C )
1	-10	-9.91	0.60
2	0	0.05	
3	49	49.14	
4	80	80.23	
5	110	110.32	

Temperature Scale : ITS - 90

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 \*\*\*

