

Calibration Certificate

Certificate No.: YEA(C)/ 231223A/1969/001 (A)

Amendment Date : 06.02.2024

ULR No.: CC222123000082857F

Calibrated for : **ICTC, Vairengte CHC**

Dist.: Kolasib, Mizoram,

Pin - 796101.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
26.12.2023	26.12.2024	1	2

Description of Instrument

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

Service Request No. / Order Reference

: 231223A/1969/001-003

Receipt of Instrument

: 23.12.2023

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±4°C *RII* : 30 to 75%

Equipment used for Calibration

: Standard Data Acquisition Unit & Standard RTD Sensor

Traceability

: To National Standard vide Certificate No:
 YEA(C)/ 231220/Y001/001 valid till 19.12.2024
 TL/023/52.1.2 valid till 11.01.2024

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.

Contd...2



CC-2221



YEA

☎ : 033 2677 1411/1412, 2667 1909

YOUNG ENGG. & CALIBRATION SERVICES PVT. LTD.

Admn. Office & Lab : Kamardanga Road (Opp. Tarama Ashram), Ichapur, Howrah - 711 104

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

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

Certificate No.: YEA(C)/ 231223A/I969/001 (A)

ULR No.: CC222123000082857F

Calibrated By : K. Rout

Amendment Date: 06.02.2024

Page 2 of 2 Pages

Calibration Results

Thermal Calibration

Calibration Results of Glass Thermometer :

Sl. No.	Average DUC Value	Average Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-10	-10.086	0.63
2	0	-0.128	
3	50	49.816	
4	79	78.648	
5	110	109.548	

Temperature Scale : ITS - 90

DUC : Device Under Calibration

REMARKS : The above Glass Thermometer has been calibrated and the readings are tabulated above. This Certificate is a Supplementary Certificate against previous issued Certificate No.: YEA(C)/231223A/I969/001 dated 30.12.2023

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 ***

