

### Calibration Certificate

Certificate No.: YEA(C)/ 231223A/I964/002

Dated : 30.12.2023

ULR No.: CC222123000082845F

**Calibrated for : ICTC, District Hospital Mamit**

Dist.: Mamit, Mizoram,

Pin - 796441.

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

**Description of Instrument**

<i>Name</i>	: Glass Thermometer
<i>Identification</i>	: ICTC/MMT/GT-01
<i>Range</i>	: 0 to 110 °C
<i>Least Count</i>	: 1 °C
<i>Make</i>	: Omsons
<i>Type</i>	: Alcohol



CC-2221

**Service Request No. / Order Reference** : 231223A/I964/001-002

**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      *RH* : 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/023/52.1.1 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.

Cont...2



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ULR No.: CC222123000082845F

Calibrated By : K. Rout

Date: 30.12.2023

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	0	0.109	0.63
2	10	10.149	
3	51	51.288	
4	79	79.399	
5	110	110.532	

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 \*\*\*

