



# 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

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

### Calibration Certificate

Certificate No.: YEA(C)/ 220203A/K652/003  
ULR No. : CC222122000006469F

Dated : 08.02.2022

Calibrated for : Kulikawn Hospital, ICTC  
Kulikawn,  
Aizawl, Pin - 796005.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
04.02.2022	04.02.2023	1	2

#### Description of Instrument

<i>Name</i>	: Digital Thermometer with Sensor
<i>Identification</i>	: KH/ICTC/DT-04
<i>Range</i>	: -50 to 300 °C
<i>Least Count</i>	: 0.1 °C
<i>Make</i>	: Multi
<i>Model</i>	: ST-9283B

Service Request No. / Order Reference

: 220203A/K652/001-003

Receipt of Instrument

: 03.02.2022

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 W1 1-05

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)/210722/Y001/001 valid till 21.07.2022  
YEA(C)/ 210820/Y001/001 valid till 19.08.2022

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.

(Signature) 2

YEA(C)/F-08





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ULR No. : CC222122000006469F  
Calibrated By : K. Rout

Date: 08.02.2022  
Page 2 of 2 Pages

### Calibration Results

#### Thermal Calibration

#### Calibration Results of Digital Thermometer with Sensor

Sl. No.	DUC Value	Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-20.2	-20.06	0.36
2	2.4	2.50	
3	100.5	100.81	
4	197.9	198.42	
5	296.5	297.18	

DUC : Device Under Calibration

**REMARKS** : The above Digital Thermometer with Sensor 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 \*\*\*

