



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)/ 220926A/S2816/001
ULR No. : CC222122000049382F

Dated : 29.09.2022

Calibrated for : **State Reference Laboratory**
District Hospital Dimapur, Dimapur,
Nagalad, Pin - 797112.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
27.09.2022	27.09.2023	1	2

Description of Instrument

Name	: Digital Thermometer with Sensor
Identification	: ICTC/TEN/THER/01
Range	: (-)50 to 300 °C
Least Count	: 0.1 °C
Make	: Aceteq
Model / Type	: Multi

Service Request No. / Order Reference

: 220926A/S2816/001-012

Receipt of Instrument

: 26.09.2022

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/WI/T-02

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)/220125/Y001/001 valid till 24.01.2023
YEA(C)/ 220819/Y001/001 valid till 18.08.2023

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



YEA(C)/F-08





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Calibrated By : K. Rout

Date: 29.09.2022

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Calibration Results

Thermal Calibration

Calibration Results of Digital Thermometer with Sensor

Sl. No.	DUC Value	Standard Value	Measurement Uncertainty
	(°C)	(°C)	(± °C)
1	-45.6	-45.45	0.19
2	0.2	0.40	
3	100.4	100.65	0.35
4	201.7	202.00	
5	296.5	296.85	

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 ***

