



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)/ 220205SA/S2970/001

Dated : 07.02.2022

ULR No. : CC222122000006164F

Calibrated for : State Referral Hospital & Zoram Medical Hospital, ICTC
Falkawn, Mizoram,
Pin - 796005.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
05.02.2022	05.02.2023	1	2

Description of Instrument

Name : Refrigerator
Identification : SRHF/ICTC/REF-01
Range : 2 to 8 °C
Make : Samsung

Service Request No. / Order Reference : 220205SA/S2970-001-003

Receipt of Instrument : 05.02.2022

Location where calibration performed : At site

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/WIT-02

Environmental Condition during Calibration : *Temp.* : 30±10°C *RH* : 60±20%

Equipment used for Calibration : Standard Data Acquisition System & Standard RTD Sensor

Traceability : To National Standard vide Certificate No.
YEA(C)/ 210730/Y001/002 valid till 30.07.2022
YEA(C)/ 210820/Y001/002 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.



YEA(C)/F-08





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Calibrated By : T. Midya

Date : 07.02.2022

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Calibration Results

Thermal Calibration

Calibration Results of Refrigerator

Sl. No.	Sensor No.	Specified DUC Value	Standard Value		
		(° C)	Maximum	Minimum	Average
1	1	2 to 8	4.83	4.66	4.80
		Stability of Refrigerator :	0.09 ° C		
		Overall Variation :	0.17 ° C		
		Measurement Uncertainty (±) :	0.67 ° C		

DUC : Device Under Calibration

REMARKS : The above Refrigerator has been calibrated and the readings are tabulated above. Non - Uniformity calculation could not be possible for Refrigerator because there is no more provision to put into more than one sensor inside the Deep Freezer.

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 ***

