



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

Calibration Certificate

Certificate No.: YEA(C)/ 240122SA/I965/001

Dated : 24.01.2024

ULR No. : CC222124000004023F

Calibrated for : ICTC, Ngopa CHC

Dist.: Champhai, Mizoram,

Pin - 796290.

Calibrated on.	Next Calibration Due On.	Page No.	No. of Pages
22.01.2024	22.01.2025	1	2

Description of Instrument

Name : Digital Centrifuge
 Identification : ICTC/NGP/CF-01
 Range : upto 5250 rpm
 Least Count : 10 rpm
 Make : Remi (Sl. No. : ZHCN-11405)
 Model : R-8C

Service Request No. / Order Reference

: 240122SA/I965/001-001

Receipt of Instrument

: 22.01.2024

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/WI/M-44

Environmental Condition during Calibration

: **Temp.** : 24±2°C **RH** : 50±15%

Equipment used for Calibration

: Standard Digital Tachometer

Traceability

: To National Standard vide Certificate No:
HT/CC/230301-06/001 valid till 08.03.2024

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 and the results are given in the page 2 to 2 ...of the certificate.

Cont. **A**...2

YEA(C)/F-08





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Calibrated By : S. Dey

Date: 24.01.2024

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Calibration Results

Mechanical Calibration

Calibration Results of Digital Centrifuge

Sl. No.	DUC Value	Observed Standard Value	Measurement Uncertainty
	rpm	rpm	± rpm
1	1200	1200.8	5.80
2	2000	2001.2	
3	3000	3001.7	
4	4000	4002.4	
5	5000	5003.8	

DUC : Device Under Calibration

REMARKS : The above Digital Centrifuge 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 ***

