

### Calibration Certificate

Certificate No.: YEA(C)/ 240123SA/I969/001 (A)  
ULR No. : CC222124000004056F

Amendment Dated : 27.01.2024

Calibrated for : ICTC, Vairengte CHC  
Dist.: Kolasib, Mizoram,  
Pin - 796101.

| Calibrated on. | Next Calibration Due On. | Page No. | No. of Pages |
|----------------|--------------------------|----------|--------------|
| 23.01.2024     | 23.01.2025               | 1        | 2            |

#### Description of Instrument

**Name** : Digital Centrifuge  
**Identification** : ICTC/VRT/CF-01  
**Range** : upto 4000 rpm  
**Least Count** : 10 rpm  
**Make** : Remi (Sl. No. : CBLC-2319)  
**Model** : R-8C

**Service Request No. / Order Reference** : 240123SA/I969/001-001

**Receipt of Instrument** : 23.01.2024

**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.** : 25±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.....2





# YEA

☎ : 033 2677 1411/1412, 2667 1909

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Calibrated By : S. Dey

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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       | 1000      | 999.8                   | 5.81                    |
| 2       | 1200      | 1198.2                  |                         |
| 3       | 2000      | 2000.8                  |                         |
| 4       | 3000      | 2997.7                  |                         |
| 5       | 3500      | 3496.6                  |                         |

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. This Certificate is a Supplementary Certificate against previous issued Certificate No.: YEA(C)/240123SA.I969/001 dated 24.012024

Authorised By

  
A. Das

Manager Calibration

\*\*\* End of the Calibration Certificate \*\*\*

