



MESO INSTRUMENTS

Calibration Laboratory
Plot No. Flot A,B Sowmya Apartments,
Kazura Garden, 1St Street, Neelangarai, Chennai - 600 115.



NABL ACCREDITED LABORATORY
CC - 3089

CALIBRATION CERTIFICATE

ULRNO:CC30892000001658F

| | | | |
|-------------------------------|---|----------------------|----------------|
| Customer & Address | M/s. The Medical Officer Government P.H.C Elambalur, Perambalur DT | Cert.No | MIT21-22/170-1 |
| | | Date of Issue | 26-09-2023 |
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Detail of Device Under Calibration (DUC)

| | | | |
|---------------------|------------|-----------------------------|-------------------|
| Nomenclature | Centrifuge | | |
| Make/Model | ZCKN | Received Date | 22-09-2023 |
| Sl.No | 34698 | Cal.Date | 25-09-2023 |
| ID.No | --- | Due Date | 24-09-2024 |
| Range | --- | Condition of Receipt | Functional |
| Resolution | 0.1-5rpm | Location | Central Lab |

Standards used.

Work instruction No: MI/WI/02

| Sl.No | Instrument | Cert.No. | Traceability | Valid upto |
|--------------|---|---------------------|---------------------|-------------------|
| 1 | Multifunction Calibrator Sl.No.0909AB401533A | ETDC(CN)/2019/52122 | ETDC, Chennai | 03-012-2023 |
| 2 | TACHOMETER Sl.No.703 | GSG/19/206/TM/01 | GSG, Chennai | 03-012-2023 |

All calibration done in SI units and are traceable to National/International standards as required in ISO/IEC 17025:2017. This instrument has been calibrated at customer premises under the ambient conditions stated.

Calibration Results

Temp: 25±4°C Humidity: 30 to 75% r.h

| Sl.No | Standard Value (rpm) (Avg.) | DUC Reading (rpm) (Avg.) | Error (rpm) | Measurement Uncertainty ± (rpm) |
|--------------|------------------------------------|---------------------------------|--------------------|--|
| 1 | 3000 | 2999 | 1 | 0.65 |
| 2 | 4000 | 3999 | 1 | 0.65 |
| 3 | 5000 | 4999 | 1 | 0.65 |

The expanded uncertainty to be associated with the results is calculated at a confidence level of approximately 95.45%. (Coverage factor = 2)

Remarks

1. This certificate shall not be reproduced, except in full, without written approval from the laboratory.
2. The recalibration interval should be determined based on the user's requirements.
3. The users should determine the suitability of the instrument for its intended use.
4. The results stated in this certificate relate only to the item calibrated.
5. The calibration points are taken as per customer requirement.

Calibrated by R.Manikandan

E.Deenadayalan
Authorised Signatory