

Certificate No :UPHC/002



CALIBRATION CERTIFICATE

| Customer Details | Details of DUC | |
|--|-----------------|------------|
| URBAN PRIMARY HEALTH CENTRE VATTAVILAI, NAGERCOIL - 2 | Description | CENTRIFUGE |
| | Manufactured by | LABOTECH |
| | Model | BDI-152 |
| | Serial No. | NIL |
| | Location | LABORATORY |

| Environmental Conditions | | Calibration Details | |
|--------------------------|------|-------------------------|------------|
| Operating Temperature | 25°C | Date of Receipt | 29/12/2022 |
| | | Date of Calibration | 03/01/2023 |
| Humidity | 63 % | Date of Issue | 05/01/2023 |
| | | Due Date of calibration | 02/01/2023 |
| | | Calibrated At | SITE |

Details of Calibration Standards

| Name | Manufacturer | Serial No. | Valid up to | Traceability |
|----------------------------|--------------------|------------------|-------------|--|
| Electrical safety analyser | Fluke / ESA 615 | 2244039 | 26-SEP-2023 | ACCUVER CALLIBRATION LABORATORY CO LLC, DUBAI |
| Digital Tacho Meter | Amprobe | BMT TACHO 031 | 30/09/2023 | EQUATION |

Performance Analysis

| Parameter | Set Value (RPM) | Measured Value (RPM) | Tolerance | Error Observed |
|-----------|-----------------|----------------------|-----------|----------------|
| RPM | 1000 | 1001 | ±5 % | 1 |
| | 2000 | 2002 | ±5 % | 2 |

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Electrical Safety Test

| Parameter | Measured Value | Tolerance | Remarks |
|------------------------------|----------------|----------------|---------|
| Ground wire Resistance | 0.150 Ω | <0.3 Ω | pass |
| insulation Resistance | OL | > 2 M Ω | pass |
| Chassis Leakage Current *NC | 1.2 μ A | <100 μ A | Pass |
| Chassis Leakage Current *SFC | 1.1 μ A | <500 μ A | Pass |
| Patient Leakage Current - BF | 1.0 μ A | <100 μ A | pass |

Remarks

- *DUC is defined as device under calibration.*
- *Measured value given was the average of 5 measurements.*
- *Master equipment used for calibration were calibrated from accredited laboratory & traceable to National & International standards.*
- *The calibration results reported are valid at the time of and under the stated conditions of the measurements.*
- *The calibration certificate shall not be reproduced except in full without written approval of Biomedical Techniques.*
- *The above results relate only to the item calibrated.*
- *The calibration certificate shall not be utilized for any legal purpose produced in the court of law for which no responsibility will be associated to Biomedical Techniques.*


Calibrated by:

Amalnath K J 

Calibration Engineer

**BIOMEDICAL
TECHNIQUES**Calibration Experts
Kerala - 680 004

Authorized by:

Remya C R 
Technical Manager

End of certificate