



**ROOTS METROLOGY & TESTING LABORATORY**  
(A Division of Roots Industries India Limited)

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**CALIBRATION CERTIFICATE**

|   |  |
|---|--|
| Issued Date : 11-10-2022<br>Certificate No : BRMTL/01/522100726-A06<br>Name and address of the Customer<br>M/s. Government Primary Health Centre,<br>Hospital Road, Irumbedu,<br>Chengalpattu-603302. | ULR-CC278222030010518F<br>Customer Ref. : On Site # 08-10-2022<br>Date of Receipt of Item : 08-10-2022<br>Date of Calibration : 08-10-2022<br>Due of Calibration : 07-10-2023<br>Condition of Instrument on Receipt : Satisfactory |
| Description : CENTRIFUGE<br>Make : REMI<br>Model : NA<br>Range : (0 to 5000)rpm   | ID.No. : GPHC/ILAB/CEN-01<br>L.C. : 1000 rpm<br>Location : LABORATORY  |

| DETAILS OF MASTER USED   |           |                 |                       |            |
|--------------------------|-----------|-----------------|-----------------------|------------|
| Standard Instrument Used | ID NO.    | Make            | Certificate No.       | Validity   |
| Digital Tachometer       | BRMTL-132 | Lutron & DT2236 | CRMTL/01/422100093-A1 | 04-11-2023 |

The masters are traceable to national / International standards  
 CALIBRATION FIELD: MECHANICAL / ELECTRO-TECHNICAL

|  |              |  |                |
|--|--------------|--|----------------|
| Cal.Procedure Ref.No. :  | BRMTL/WI/112 | Ref.Document :                             | SANAS TR 45-02 |
| Estimated Uncertainty of Measurement<br>(At confidence level of 95% for a coverage factor k=2) | As Reported  | Temperature & Humidity during calibration: |                |
|  |              | 26.5°C                                     | 57.5%RH        |

The reported results are valid only for the condition of the received instrument at the time of and under the stated conditions of the calibration (All values in rpm)

| Calibration Result : |                    |                        |           |                        |
|----------------------|--------------------|------------------------|-----------|------------------------|
| Sl.No.               | DUC READINGS (DUC) | STANDARD READINGS(REF) | DEVIATION | Expanded Uncertainty ± |
| 1                    | 1000               | 995                    | -5        | 1.00                   |
| 2                    | 2000               | 1991                   | -9        | 2.32                   |
| 3                    | 3000               | 2988                   | -12       | 2.83                   |
| 4                    | 5000               | 4985                   | -15       | 4.29                   |

\*END\*

|  |   |  |        |
|--|---|--|--------|
| CALIBRATED BY (CALIBRATION ENGINEER)<br><br>DINESH KUMAR A | AUTHORIZED BY (QM/TM/DY.TM/Sc/Er)<br><br>KAMAL KANNAN R | This Report refers only to the sample submitted and may not be reproduced in full or in part, without written permission from Quality Manager Roots Metrology & Testing Laboratory, Bangalore. | 1 of 1 |
|--|---|--|--------|

|                      |  |   |  |
|----------------------|--|---|--|
| Calibration Status : | White : Calibrated <input checked="" type="checkbox"/>       | Green : Accepted - Valid for use <input type="checkbox"/>         | * NEXT CALIBRATION DUE AS PER CUSTOMERS PLAN AND REQUIREMENT |
|                      | Yellow : Limited use (Refer report) <input type="checkbox"/> | Red : Rejected-Out of use (Refer report) <input type="checkbox"/> |  |

IM#BRMTL/FT/54A:15.02.2021