



COMMITTED TO THE  
CUSTOMER SINCE - 1996

**VAIDYANATHESHWARA INSTRUMENTS**



CC-2473



**CERTIFICATE OF CALIBRATION**

No. 301/A, 9th Main Road, 3rd Cross, Rajiv Gandhi Nagar, J.B. Kaval, Nandhini Layout Post, Bangalore - 560 096.  
Ph : 080-23377266, Mob : 9986586789 / 9632221171 / 9964308118 | Email : info@viplgroup.com Web : www.viplgroup.com

NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 With vide Certificate No: CC-2473

**1 Name and Address of the Customer** M/s.: Citi Lab Healthcare (India) Pvt. Ltd.,  
No.58, MM Road, Pulikeshi Nagar,  
Bangalore- 560 005.

**2 Customer Reference**

2.1 ULR No. : CC247322500036767F  
2.2 SRF No : 1722  
2.3 Certificate No. : VI/22-23/1722-05  
2.4 Format No. : VI-FRM-ME-046 & VI-FRM-ET-011  
2.5 Date of Issue : 20-10-2022

**3 Details Of Device Under Calibration(DUC).**

3.1 Nomenclature : Centrifuge  
3.2 Make / Model : Remi / R-8c  
3.3 SI.No. : ZBEN-14175  
3.4 DUC Condition : Satisfactory  
3.5 Calibration Procedure No. : SOP-16- 42 & SOP-37-11  
3.6 No.of Pages : 2  
3.7 Calibration Date : 14-10-2022  
3.8 Calibration Due : 13-10-2023  
3.9 Calibration done at : Onsite  
3.10 Instrument Location : Lab  
3.11 Discipline : Mechanical

**4 Environmental Condition**

Temperature 26.3 °C Humidity: 52 %Rh

**5 Standards Used for calibration**

| Sl. No. | Nomenclature       | Make & Model     | Sl. No.          | Cal At                | Certificate No.      | Validity   |
|---------|--------------------|------------------|------------------|-----------------------|----------------------|------------|
| 1       | Digital Tachometer | SENTRY / ST723   | SN132300422<br>5 | Sansel Lab<br>Chennai | CC287922000003276F   | 16-08-2023 |
| 2       | Time Totalizer     | Beltronics & 501 | 251              | VI,Bangalore          | VI/21-22/INT-ETH-426 | 22-02-2023 |

**6 Notes:**

- The Calibration Certificate relates only to the above DUC
- Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of VI Lab.
- Corrections/erasing, invalidate the Calibration Certificate.
- Calibration of the DUC are traceable to National standards/International Standards
- Any error in this Certificate should be brought to our knowledge within 30 days from the date of this Cert.
- Results Reported are valid at the time of and under the stated conditions of measurements.
- The usage of NABL Symbol is as per NABL guidelines given in NABL-133

Calibrated By

*V*

Vishnu  
(Calibration Engineer)

Checked By

*GP*

Guruprasad  
(Lab In-Charge)





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Certificate No. VI/22-23/1722-05

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**RPM Results:**

Range: 0 to 5250 RPM

Resolution: 1 RPM

| Sl. No. | Std Reading (RPM) | DUC Reading (RPM) | Error Observed in (RPM) | Measurement Uncertainty in $\pm$ (%) | k Factor |
|---------|-------------------|-------------------|-------------------------|--------------------------------------|----------|
| 1       | 100.4             | 100               | -0.4                    | 1.7                                  | 2.0      |
| 2       | 500.7             | 500               | -0.7                    |                                      | 2.0      |
| 3       | 1000.9            | 1000              | -0.9                    |                                      | 2.0      |
| 4       | 2001.5            | 2000              | -1.5                    |                                      | 2.0      |
| 5       | 3001.9            | 3000              | -1.9                    |                                      | 2.0      |
| 6       | 4002.2            | 4000              | -2.2                    |                                      | 2.0      |
| 7       | 5253.1            | 5250              | -3.1                    |                                      | 2.0      |

**Timer Results:**

Range: 0 to 99 min

Resolution: 1 min

| Sl.No. | Std Reading (hr:min:sec:msec) | DUC Reading (min) | Error Observed in (hr:min:sec:msec) | Measurement Uncertainty in $\pm$ (%) | k Factor |
|--------|-------------------------------|-------------------|-------------------------------------|--------------------------------------|----------|
| 1      | 00:00:00:000                  | 0                 | 00:00:00:000                        | ----                                 | ----     |
| 2      | 00:05:00:013                  | 5                 | -00:00:00:013                       | 0.05                                 | 2.0      |
| 3      | 00:10:00:035                  | 10                | -00:00:00:035                       | 0.05                                 | 2.0      |
| 4      | 00:15:00:066                  | 15                | -00:00:00:066                       | 0.05                                 | 2.0      |
| 5      | 00:20:00:089                  | 20                | -00:00:00:089                       | 0.05                                 | 2.0      |
| 6      | 00:30:00:124                  | 30                | -00:00:00:124                       | 0.05                                 | 2.0      |


**Conclusion :-**

1. Measurement uncertainty reported is at 95.45 % confidence level.

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Vishnu  
(Calibration Engineer)

Checked By

  
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