

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

Page 1 of 2

1 Name and Address of the Customer

M/s: Acharya Tulsi Diagnostics Centre & Dental Care,
228/12, MSP Plaza, Magadi Road,
(Near Magadi Road Metro Station), Bangalore - 560 023.

2 Customer Reference

2.1 ULR No. : CC247323500124317F
2.2 SRF No : 3912
2.3 Certificate No. : VI/23-24/3912-02
2.4 Format No. : VI-FRM-ET-011 & VI-FRM-ME-046
2.5 Date of issue : 20-01-2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Centrifuge
3.2 Make / Model : Remi / R-8C
3.3 Id.No./SI.No. : ATDC/CF-01 / ZFEN-16070
3.4 DUC Condition : Satisfactory
3.5 Calibration Procedure No. : SOP-37-11 & SOP-16-42
3.6 No.of Pages : 2
3.7 Calibration Date : 17-01-2024
3.8 Calibration Due : 16-01-2025
3.9 Calibration done at : Onsite
3.10 Instrument Location : Lab
3.11 Discipline : Electro-Technical & Mechanical

4 Environmental Condition

Temperature 25.4 to 27.6 °C

Humidity 50 to 60 %RH

5 Standards Used for calibration

Sl. No.	Nomenclature	Make & Model	Sl. No. / ID.No.	Cal Agency	Certificate No.	Validity
1	Digital Timer	Selec / TI103	VI/OS/DT-01	VI, Bangalore	VI/23-24/INT-DT-01	13-09-2024
2	Digital Tachometer	Mextech & DT-2234C	S035540 / VI/OS/DTCM/01	VI, Bangalore	VI/23-24/INT-ME-501	13-10-2024

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

Rakesh
Rakesh

(Calibration Engineer)

Checked By

Umesh D
Umesh D

(Onsite In-Charge)



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Page No: 2 of 2

Results:

Timer Results:

Range / Resolution : 0 to 99 min / 1 min

Sl. No.	Std Reading (hr:min:sec:msec)	DUC Reading (min)	Error Observed (hr:min:sec:msec)	Measurement Uncertainty in (±) (%)	k Factor
1	00:00:00:000	0	00:00:00:000	---	---
2	00:10:00:031	10	-00:00:00:031	0.05	2.0
3	00:30:00:057	30	-00:00:00:057	0.05	2.0
4	00:40:00:078	40	-00:00:00:078	0.05	2.0
5	01:00:00:087	60	-00:00:00:087	0.05	2.0
6	01:30:00:096	90	-00:00:00:096	0.05	2.0

RPM Results:

Range / Resolution : 200 to 5250 RPM / 40 RPM

Sl. No.	Range.	DUC Reading (RPM)	STD Reading (RPM)	Error Observed (RPM)	Measurement Uncertainty in (±)	k Factor
1	200 to 5250 RPM	200	200.3	-0.3	2.7 %	2.0
2		500	500.6	-0.6		2.0
3		1000	1000.9	-0.9		2.0
4		3000	3001.2	-1.2		2.0
5		5000	5001.7	-1.7		2.0
6		5250	5252.2	-2.2		2.0

Conclusion :-

- Measurement uncertainty reported is at 95.45 % confidence level.

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Rakesh
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(Calibration Engineer)

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