

FLOW CAL

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TRUSTED AND RELIABLE CALIBRATION

NABL Accredited Calibration Lab as per ISO/IEC 17025:2017

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CC-3103

FCL/FM/CL/06

CERTIFICATE OF CALIBRATION

SRF No.	F0131	Certificate No.	FCL/24/F0131-04	ULR No.	CC310322000000724F
Date of SRF	03-09-2024	Date of Cal.	03-09-2024	Next Cal Due	02-09-2025
Issue Date	05-09-2024	Cal Procedure No.	FCL-SOP-MECH-02	Reference Std.	SANAS-TR 45-01
No of Pages	01	Page No.	01 of 01	Status on Receipt	Satisfactory
DISCIPLINE-GROUP : MECHANICAL - Acceleration and Speed				Cal Done At	Lab ,Flowcal

Customer Name & Full Address:

M/s. Nagamangala Government Hospital
Government Hospital
B M road , Nagamangala-571432
Mandya District

Nomenclature	Digital Centrifuge	Model	R-8CBL
Make	Remi	Range	6000 RPM
Serial. No	19637	Resolution	10 RPM
ID No	GEN/RPM-01	Accuracy	± 0.05%
Location	GENERAL LAB		

STANDARDS USED FOR CALIBRATION AND TRACEABILITY DETAILS

Nomenclature	Make/Model	SI. No / ID No.	Traceable to	Validity
Digital Tachometer	Lutron & DT2236	Q652919/FCL-A&S-01	EQN/CRF/24080065	07-08-2025

Environmental Condition : Temperature : 20.4 °C Humidity: 42 %RH

MODE :NON CONTACT

Calibration Results:

All Readings are in RPM

SI.NO	DUC Readings	Standard readings	Observed Deviation	Computed Measurement Uncertainty (±) in %
1	100.0	99.5	0.5	2.50
2	500.0	499.4	0.6	2.50
3	1000	998.6	1.4	2.50
4	2000	1997	3	2.50
5	3000	2994	6	2.50
6	6000	5988	12	2.50

Remarks :

1.The Measurement Uncertainty is estimated at a confidence level of 95.45% with a coverage factor k=2.

Calibrated by

Sanju
Calibration Engineer



Authorized by

Vinay Kumar
CEO

*****End of Calibration Certificate*****

