

### CALIBRATION CERTIFICATE

VCPL/CL/F/55 -02

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Certificate No : VCPL/CC/2023/060-04

<b>Customer Name &amp; Address :</b> <b>M/s SARAVANA HOSPITAL PVT LTD</b> NO:14, THILLAI NAGAR 1ST CROSS STREET, PONNAMMAPET, SALEM - 636 001.	Date of Issue	03-09-2024
	SRF Number	VCPL/2024/060
	Reciept Date	02-09-2024
	Date of Calibration	02-09-2024
	Next Due Date	01-09-2025
	Calibrated At	ON SITE

#### Details of Device Under Calibration

Description	CENTRIFUGE	Make	REMI
Model / Type	R-8C	Range	500 to 6000 RPM
Serial No	CEN-01	Resolution	10 RPM
Asset / ID No	-	Accuracy	As Per Manual
Location	BIO CHEMISTRY LAB	DUC Condition	Good

Enviromental Conditions		Method Used For Calibration	
Temperature	24.4 °C	Reference Standard No	SANAS TR-45-03
Humidity	54 %Rh	Calibration Procedure No	VCPL / SOP-03

#### Details of Standard Equipment Used For Calibration

S.No	Description	ID.No / SLNo	Certificate No	Valid Upto	Traceability
1	Digital Tachometer	223-0098V	2024-25/EQN/24040064-01	11-Apr-25	Equation CC-2760

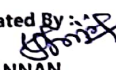
#### MECHANICAL - Speed & Acceleration

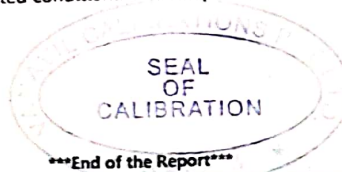
##### Calibration Results

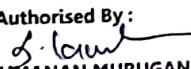
S.No	DUC Reading RPM	Standard Reading in RPM					Standard Reading ( Mean ) RPM	Error RPM	Uncertainty RPM
		1	2	3	4	5			
1	500	500.1	500.3	500.5	500.1	500.2	500.24	-0.24	6.10
2	1000	999.5	999.8	999.6	999.8	999.7	999.68	0.32	6.08
3	1500	1499.5	1499.3	1499.6	1499.4	1499.2	1499.40	0.60	6.10
4	2000	1999.2	1999.2	1999.1	1999.3	1999.5	1999.26	0.74	6.10
5	2500	2499.1	2499.3	2499.1	2499.3	2499.1	2499.18	0.82	6.06

#### Remarks :

- 1.DUC is defined as Device Under Calibration.
- 2.Calibration of the DUC are Traceable to National / International Standards.
- 3.Calibration Points & Frequency to be deiced by the Customer.
- 4.The Measurement Uncertainty is Expressed at 95.45% confidence level coverage factor K=2.
- 5.This Certificate Refers only to the item Calibrated and shall not be reproduced in full without the written Approval of the Vanavil Calibrations.
- 6.The Reported results are valid at the time of under stated conditions of Measurement.

Calibrated By :  
  
M.KANNAN  
( Calibration Engineer )



Authorised By :  
  
S.LAKSHMANAN MURUGAN  
( Technical Manager )

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