



CERTIFICATE OF CALIBRATION

FT-Q-25		Page 1 of 1	
ULR No.	: CC214424000001704F	Date of Issue	: 14-03-2024
Certificate No.	: TVCSPI. 24/02/0353-01	Recom. Due Date	: 12-03-2025
Date of Calibration	: 13-03-2024	SRF No.	: 0353
Customer Details	: M/s. Sparsha Diagnostics, Upper Bendoor, Mangalore.	Calibrated at	: On-Site
		Date of Receipt	: 13-03-2024
		Cond. On Receipt	: Satisfactory
Details of Test Instrument:			
Description	: Centrifuge	Model No.	: NEYA 4
Range	: 50 to 4500 RPM	Serial No	: ZFCN-10590
Least Count	: 10 RPM	Identification No.	: --
Make	: Remi	Accuracy	: As Per Manual
Working range	: --	Location	: Central Laboratory
Details of Standard Used			
Name	: Digital Tachometer	Certificate No.	: HT/CC/230830-12/001
		Valid upto	: 31/Aug/24
		Calibrated at	: CC-2151
Work Instruction	: WI-R-05		
Environmental Details	: Temperature: 25±5 °C	Relative Humidity:	: 40-70 % RH

MECHANICAL CALIBRATION

(Acceleration & Speed)

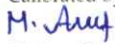
Calibration Results

Sr.No.	Test Reading	Standard Reading	Error	Uncertainty
	RPM	RPM	RPM	±RPM
1	50	50.3	0.3	3.2
2	1000	1007	7	3.5
3	2500	2509	9	3.5
4	3000	3012	12	3.7
5	4500	4516	16	3.7

Remarks:-

1. Standard reading given was the average of 3 measurements
2. The reported Expanded Uncertainty is calculated at 95.45 % C.L. with coverage factor  $k=2$
3. Masters are Traceable to SI Units.

\* End of Certificate \*

Calibrated by :  
  
 M.Arun Kumar  
 (Calibration Engineer)



Authorised by:  
  
 D.Vetri Selvi  
 (QM & TM)

...redefining the true value

