



# ACCURATE CALIBRATION LABORATORY & SERVICES

(A NABL Accredited Laboratory as per ISO/IEC 17025:2017)

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CC - 3373

## CALIBRATION CERTIFICATE

Format No.:ACLS\_CC\_M\_rpm

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ULR Number : CC337323000000368F Discipline/Group: Mechanical/Speed

Certificate Number	Date of Receipt	Date of Calibration	Suggested Next Date of Calibration	Date of Issue
ACLS/22-23/0835/RPM-02	25/09/2023	25/09/2023	24/09/2024	27/09/2023

1.0	Calibration Request Number	:	083
2.0	Name & Address of the Customer	:	<b>M/s. Bioline Laboratory,</b> 6,7& 15 Dolly Arcade, Near Harley's Bakery,New Nagole, L.B. Nagar, Telangana-500068.
3.0	Details of Device Under Calibration	:	
3.1	Nomenclature	:	Centrifuge
3.2	Make	:	Remi
3.3	Model/ Type Number	:	R-8C
3.4	Range	:	0 to 3500 rpm
3.5	Resolution	:	1 rpm
3.6	Identification Number	:	BL/CF-02
4.0	Work Instruction/Calibration Procedure	:	ACLS_WI_DTM_001
5.0	Condition of the item on receipt	:	Physically OK
6.0	Unit of Measurement	:	(rpm)
7.0	Range of Environmental Conditions of the Measurement	:	Temperature : (25 ± 4)°C Relative Humidity : 30 % to 75%
7.1	Actual Environmental Conditions at the time of measurement	:	Temperature : 24°C Relative Humidity : 53% RH
8.0	Calibration Performed at	:	Site
9.0	Reference Method	:	SANAS TR 45-01
10.0	Details of reference Standards	:	

S.No.	Nomenclature	Identification Number	Certificate Number	Validity
10.1	Digital Tachometer	ACLS_M_DTM_001	23072205000109	23/07/2024
11.0	Results Summarized	:		

S.No.	Set in(rpm)	STD Reading in (rpm)	DUC Reading in (rpm)	Deviation in (rpm)	Expanded Uncertainty in ± (rpm)
11.1	60.0	60.0	59	-1.0	0.8
11.2	500.0	500.2	499	-1.2	0.8
11.3	1000.0	1001	1000	-1	0.8
11.4	2000.0	2001	1999	-2	7.8
11.5	3500.0	3501	3499	-2	7.8

- 12.0 Remarks :
- 12.1 DUC Stands for Device Under Calibration
- 12.2 The Certificate refers only to the particular item submitted for calibration
- 12.3 Report results are valid at the time of and under the stated conditions of the Measurement
- 12.4 Reproduction of this certificate in any form is not permitted without the written consent of ACLS
- 12.5 Errors if any ,in this certificate shall be brought to notice within 45 days from the date of this certificate
- 12.6 Measurement uncertainty reported is at approximately 95.45 % confidence level with K=2 as per guideline NABL 141
- 12.7 The measurement data reported is as found without any adjustment
- 12.8 Standard used for calibration were traceable to National / International standards

Calibrated by

G.Abhilash

Cal.Engg.

\*\*\* End of Certificate \*\*\*



Authorised by:

N.Sreedhar

(Quality/Technical Manager)