



ACCURATE CALIBRATION LABORATORY & SERVICES

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

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CC - 3373

CALIBRATION CERTIFICATE

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Format No.: ACLS_CC_M_rpm

ULR Number : CC337323000000367F 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-01	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 : **M/s. Bioline Laboratory,**
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-01
- 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)^oC
Relative Humidity : 30 % to 75%
- 7.1 Actual Environmental Conditions at the time of measurement : Temperature : 24^oC
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	2000	-1	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)