


MEASURE TECHNO LAB 2, B.T. ROAD (JAYANTI CINEMA COMPLEX) BARRACKPORE, KOLKATA - 700120, W.B. Phone : 033 - 2215 - 0032, 2215 - 9687, 8100875519, Mobile: 9831190974 , LAB:- 8100143376, E-mail: measuretechno@yahoo.co.in	Form No. - MTL/22/2006	 <small>NABL ACCREDITED LABORATORY Certificate No. CC - 2542</small>
	CALIBRATION CERTIFICATE OF CENTRIFUGE	
CALIBRATION CERTIFICATE NO.: MTL / UWC / R02 / 02 - 22	ULR - CC254522000006591F	Page: 1 of 1

1.0 Service Request No.: MTL / 23A / 02 / 21 - 22

1.1 Issued to: M/s. Unique Wellness Care,
Plot No. 19, Street No. 5/12, Guru Nanak Dev Colony,
New Delhi - 110042.

1.2 Description & Identification of item to be Calibrated:	a) Name:	Centrifuge	b) Code No.:	CF - 01
	c) Sl. No.:	N.S.	d) Make:	Serum
	e) Model / Type:	N.S.	f) Range:	3000 rpm
	g) Sensor:	N.A.	h) Resolution:	1 rpm
	i) End User:	Lab	j) Accuracy:	N.S.
	k) Calibration done at:	√ On Site / In House		

1.3 Date of receipt of item : 23-02-24 1.4 Physical Condition of DUC : OK
1.5 Date of calibration : 23-02-24 1.6 Recommended date of next calibration : 23-02-25

1.7 Date of Issue : 25-02-24

1.8 Environmental Conditions During Calibration: Temperature: 25 °C ± 3 °C
Humidity: 50 % RH ± 10 % RH

1.9 Method of Calibration: SOP / RPM / CF / 01

2.0 Traceability :

- a) Standards used for calibration are traceable to National standards through NABL Accredited Laboratory.
b) The following standards / Equipment have been used.
i) Digital Tachometer Cal. Certificate No. JRPM - CCTR - A&S - 2021 - 0020 (JRPM, Chennai) (Cal. Date: 10/07/21, Due Date: 09/07/22)

2.1 Result :

Mechanical Calibration

Sl. No.	Parameter/ Range	Nominal Value on DUC rpm	Std. Value Average of Five Readings rpm	Error rpm	Measurement Expanded Uncertainty ± rpm
1.	Rotation 3000 rpm	500	500.98	-0.98	1.32
2.		1000	1001.6	-1.6	
3.		1500	1502.4	-2.4	
4.		2000	2003.2	-3.2	
5.		3000	3004.4	-4.4	

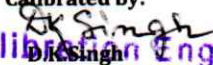
- Remarks: i) This result has an expanded uncertainty with a coverage factor k=2 at approximately 95% confidence level.
ii) The calibration certificate issued for this instrument is to be used for scientific or industrial purposes only.
iii) Error = DUC Reading - Standard Reading.

DUC - Device Under Calibration
Std. - Standard

N.S. - Not Specified
rpm - Rotation Per Minute

N.A. - Not Applicable

Opinions and Interpretations			
Calibrated	√	Accepted / Valid for use	
Limited Use		Rejected / Out of use	

Calibrated by:

D.K. Singh
Calibration Engineer
Testing Engineer
Measure Techno Lab
Kolkata

Checked / Approved by:

S. Pandey
Quality & Technical Manager

S. Pandey