


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	 NABL ACCREDITED LABORATORY Certificate No. OC - 2545
	CALIBRATION CERTIFICATE OF CENTRIFUGE	
CALIBRATION CERTIFICATE NO.:MTL / SDC / R01 / 05 - 21		ULR - CC254521000009548F

1.0 Service Request No.: MTL / 11 / 05 / 21- 22

1.1 Issued to: M/s. Sun Diagnostic Centre,
 IMA Building, Ranihat, Near SCB Medical College,
 Cuttack, Odisha - 753007.

1.2 Description & Identification of item to be Calibrated:

a) Name:	Centrifuge	b) Code No.:	SDC / LAB / CENTRIFUGE / 01
c) Sl. No.:	ZFAN - 01838	d) Make:	Remi
e) Model / Type:	C - 852	f) Range:	3500 rpm
g) Sensor:	N.A.	h) Resolution:	N.A.
i) End User:	Pathology	j) Accuracy:	N.S.
k) Calibration done at:	√ On Site / In House		

1.3 Date of receipt of item : 11-05-21 1.4 Physical Condition of DUC : OK

1.5 Date of calibration : 11-05-21 1.6 Recommended date of next calibration : 11-05-22

1.7 Date of Issue : 12-05-21

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 - 2020 - 0027 (JRPM, Chennai) (Cal. Date: 11/07/20, Due Date: 10/07/21)

2.1 Result :

Mechanical Calibration

Sl. No.	Parameter/ Range	Knob set at Position	Std. Value Average of Five Readings rpm	Measurement Expanded Uncertainty ± rpm
1.	Rotation 3500 rpm	1	999.74	1.28
2.		2	1498.7	
3.		3	2503.5	
4.		4	2997.9	
5.		5	3482.4	


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.

DUC - Device Under Calibration N.S. - Not Specified N.A. - Not Applicable rpm - Rotation Per Minute
 Std. - Standard

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

Calibrated by:
Testing Engineer
 Measure Techno Lab
 Kolkata

Checked / Approved by:

 Quality & Technical Manager
 S. Pandey