



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



CC - 2545

CALIBRATION CERTIFICATE OF CENTRIFUGE

LIBRATION CERTIFICATE NO.: MTL / D / R01 / 06 - 24

ULR - CC254524000028074F

Page: 1 of 1

1.0 Service Request No.: MTL / 14G / 06 / 25 - 26

1.1 Issued to: M/s. Diagnostics,
190B, Rashbehari Avenue,
Kolkata - 700029.

1.2 Description & Identification of item to be Calibrated:	a) Name:	Centrifuge	b) Code No.:	DIA / BIO / 08
	c) Sl. No.:	ICLC - 5060	d) Make:	Remi
	e) Model / Type:	R - BC	f) Range:	5250 rpm
	g) Sensor:	N.A.	h) Resolution:	10 rpm
	i) End User:	Biochemistry	j) Accuracy:	N.S.
	k) Calibration done at:	√ On Site / In House		

1.3 Date of receipt of item : 14-06-24

1.4 Physical Condition of DUC : OK

1.5 Date of calibration : 14-06-24

1.6 Recommended date of next calibration : 14-06-25

1.7 Date of Issue : 15-06-24

1.8 Environmental Conditions During Calibration: Temperature: 25 °C ± 2 °C
Humidity: 55 % 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 - CF - 2023 - A&S - CSRF - 815 - C - 0016 (JRPM, Chennai) (Cal. Date: 08/07/23, Due Date: 07/07/24)

2.1 Result :

Mechanical Calibration: (Acceleration and Speed)

Sl. No.	Parameter/ Range	Nominal Value on DUC rpm	Std. Value Average of Five Readings rpm	Error rpm	Measurement Expanded Uncertainty ± rpm
1.		1280	1280.9	-0.9	5.99
2.	Rotation	2110	2111.3	-1.3	
3.	5250 rpm	2930	2932.1	-2.1	
4.		3620	3622.9	-2.9	
5.		4580	4584.1	-4.1	

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.

iv) Calibrations are carried out without any adjustment or repair.

DUC - Device Under Calibration

N.S. - Not Specified

N.A. - Not Applicable

Std. - Standard

rpm - Rotation Per Minute

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

Calibrated by:

(Signature)
D. Kalita
Calibration Engineer
Measure Techno Lab.
Kolkata

Checked / Approved by:

Quality / Technical Manager

S. Pandey

Form No. - MTL/22/2006

Issue No. : 2 Issue Date : 10.11.06

Rev. No. : 04 Rev. Date : 01.04.22