



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

CALIBRATION CERTIFICATE OF CENTRIFUGE

CC - 2545

CALIBRATION CERTIFICATE NO.: MTL / SMCH(PPTCT) / R01 / 03 - 23

ULR - CC254523000005248F

Page: 1 of 1

1.0 Service Request No.: MTL / 02F / 03 / 22 - 23

1.1 Issued to: Office of The PPTCT,
Department of O&G,
Silchar Medical College & Hospital,
Silchar, Cachar, Assam - 788014.

1.2 Description & Identification of item to be Calibrated:	a) Name:	Centrifuge	b) Code No.:	PPTCT/SMCH/O&G/CFG-01
	c) Sl. No.:	N.S.	d) Make:	Remi
	e) Model / Type:	N.S.	f) Range:	3500 rpm
	g) Sensor:	N.A.	h) Resolution:	N.A.
	i) End User:	PPTCT	j) Accuracy:	N.S.
	k) Calibration done at:	√ On Site / In House		

1.3 Date of receipt of item : 02-03-23 1.4 Physical Condition of DUC : OK

1.5 Date of calibration : 02-03-23 1.6 Recommended date of next calibration : 02-03-24

1.7 Date of Issue : 04-03-23

1.8 Environmental Conditions During Calibration: Temperature: 35 °C ± 10 °C
Humidity: 70 % RH ± 20 % 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 - 2022 - 0025 (JRPM, Chennai) (Cal. Date: 09/07/22, Due Date: 08/07/23)

2.1 Result :

Mechanical Calibration

Sl. No.	Parameter/ Range	Knob Set at Switch Position	Std. Value Average of Five Readings rpm	Measurement Expanded Uncertainty ± rpm
1.	Rotation 3500 rpm	1	1194.2	1.28
2.		2	1698.5	
3.		3	2096.1	
4.		4	2788.4	
5.		5	3462.1	

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.

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:

Calibration Engineer
Measure Techno Lab
D.K. Singh
Kolkata

Calibration Engineer

Checked / Approved by:

Quality & Technical Manager
S. Pandey