



MEASURE TECHNO LAB
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CALIBRATION CERTIFICATE OF CENTRIFUGE

ALIBRATION CERTIFICATE NO.: MTL / IPGME&RSSKMH / R03 / 11 - 23

ULR - GC254523000040556F

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1.0 Service Request No.: MTL / 29 / 11 / 23 - 24

1.1 Issued to:

Office of The Medical Superintendent,
ICTC, IPGME&R SSKM Hospital,
244, A.J.C Bose Road,
Kolkata - 700020.

1.2 Description & Identification of Item to be Calibrated:

a) Name: Centrifuge
c) SL No.: Z/HN - 27/006
e) Model / Type: C - 854 / 8
g) Sensor: N.A.
j) End User: ICTC

b) Code No.:
d) Make:
f) Range:
h) Resolution:
i) Accuracy:

SSKM / ICTC / GEN - 01
Remi
3500 rpm
N/A
N.S.

1.3 Date of receipt of Item :

29-11-23

1.4 Physical Condition of DUC :

OK

1.5 Date of calibration :

29-11-23

1.6 Recommended date of next calibration : 29-11-24

1.7 Date of Issue :

30-11-23

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	Knob Set at Switch Position	Std. Value Average of Five Readings rpm	Measurement Expanded Uncertainty ± rpm
1.		1	1340.6	
2.	Rotation	2	1850.7	
3.	3500 rpm	3	2780.3	5.2
4.		4	3180.2	
5.		5	3498.9	

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) Calibrations are carried out without any adjustment or repair.

DUC - Device Under Calibration
Std. - Standard

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

M.A. - Not Applicable

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

Calibration Engineer
Measure Techno Lab
Kolkata

D.K. Singh

Calibration Engineer

Checked by: S. Pandey
Quality / Test Manager