



MEASURE TECHNO LAB

2, B.T. ROAD (JAYANTI CINEMA COMPLEX), BARRACKPORE,
KOLKATA - 700120, W.B.



NABL ACCREDITED LABORATORY
Certificate No. CC - 2543

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CALIBRATION CERTIFICATE OF CENTRIFUGE

CALIBRATION CERTIFICATE NO.: MTL / HIVTL (S) / R02 / 07 - 22

ULR - CC254522000020544F

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1.0 Service Request No.: MTL / 29B / 07 / 22 - 23

1.1 Issued to: HIV Testing Laboratory (SRL & ICTC),
Department of Microbiology,
New STNM Multi Speciality Hospital,
Sochakgang, Gangtok, Sikkim - 737101.

1.2 Description &
Identification of Item
to be Calibrated:

a) Name:	Centrifuge	b) Code No.:	STNM / MICRO / ICTC / CEN / 1
c) Sl. No.:	N.S.	d) Make:	Almicro
e) Model / Type:	N.S.	f) Range:	As Per Report
g) Sensor:	N.A.	h) Resolution:	N.A.
i) End User:	HIV Testing Lab (Level - 2)	j) Accuracy:	N.S.
k) Calibration done at:	√ On Site / In House		

1.3 Date of receipt of item : 29-07-22

1.4 Physical Condition of DUC : OK

1.5 Date of calibration : 29-07-22

1.6 Recommended date of next calibration : 29-07-23

1.7 Date of Issue : 01-08-22

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 Techometer 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	1	1240.2	1.28
2.		2	1920.6	
3.		3	2508.1	
4.		4	2810.4	
5.		5	3426.9	

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.

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]*
Measure Techno Lab
Calibration Engineer

Checked / Approved by: *[Signature]*
Quality & Technical Manager
S. Pandey