



MEASURE TECHNO LAB

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NABL ACCREDITED LABORATORY
Certificate No. CC - 2543

CALIBRATION CERTIFICATE OF CENTRIFUGE

Calibration Certificate No.: MTL / HIVTL (S) / R20 / 07 - 22

ULR - CC254522000020724F

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

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

Description & Identification of item to be Calibrated:	a) Name:	Centrifuge	b) Code No.:	MICRO / ICTC / STNM / EQUIP / 1A
	c) Sl. No.:	GOLC - 5958	d) Make:	N.S.
	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		

Date of receipt of item :	30-07-22	1.4 Physical Condition of DUC :	OK
Date of calibration :	30-07-22	1.6 Recommended date of next calibration :	30-07-23
Date of Issue :	01-08-22		

Environmental Conditions During Calibration:	Temperature:	35 °C ± 10 °C
	Humidity:	70 % RH ± 20 % RH

Method of Calibration: SOP / RPM / CF / 01

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)

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	1347.2	1.28
2.		2	1938.6	
3.		3	2462.7	
4.		4	2808.9	
5.		5	3306.2	

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

Calibration Engineer
Measure Techno Lab
D.K. Singh
Calibration Engineer

Checked / Approved by:

Quality & Technical Manager

Form No. - MTL/22/2006

Issue No. : 2 Issue Date : 10.11.06

Rev. No. : 04 Rev. Date : 01.04.22