

MICROBIOLOGY DEPARTMENT, GRANT MEDICAL COLLEGE SIR JJ GROUP OF HOSPITALS

BYCULLA, MUMBAI 400008, MAHARASHTRA, INDIA Ph: 022-23712454/23710234/23735555 Ext: 2359/2276/2350

CERTIFICATE OF CALIBRATION

Date: 15.02.2022

Name of equipment: Centrifuge

Model/Serial No: RC 8C PLUS (2GN-08420)

Identification No: CAH/MDACS/CEF/02

Location: HIV Testing Laboratory, ICTC CAMA & ALBLESS Hospital

Range: 0-3600 rpm

Working range: 0 - 3000 rpm

Tolerance (if applicable): + 5% rpm

Manufacturer: REMI

Calibrated on: 15.02.2022

Next Calibration due on: 14.02.2023

Method of Calibration: In-house calibration done using calibrated tachometer (MEXTECH make-

Model: DT-2234C, S/N: S087161)

Traceability Certificate No: C2212185/P/01

Test Conditions:

Temperature: 29°C

RH: 67%

Instrument	Readings (rpm)							
	1	2	2 3		5	Mean		
Display reading 2500 rpm								
Tachometer reading	2518	2518 2510 2522			2515	2518.6		
	Display	reading 300	00 rpm					
Tachometer reading	2998	2998 3002 3010		3012	3005	3010		
Acceptable Variation ± 5% rpm	of the displa	y reading						

Remarks: Instrument has passed the acceptance criteria

Checked by

Shivani Mestry

SRL Technical Officer

SRL JJH.

Assistant Professor

Department of Microbiology Grant Government Medical,

College & Sir J. J. Group of Hospitals, Mumbai - 400 008.



AUTOCAL SOLUTIONS PVT. LTD.

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			CALIBRATION CERTIFICATE							FF/3
	MECHANICAL DISCIPLINE						Page 1 o			
JLR No.		CC2382223								
Certificate No		_:	C2212185/P/01 Issue Date			ate			02/02/2022	
Date of calibrat	ion				Next Calibration Date				30/01/2023	
Service Reque	st Form N	0.	C221218	5						
Calibrated For		J. J. Hospital								
		Ward No 43, 2nd Floor Skin Ward, J. J. Hospital Road Mazgaon Mumbai Maharashtra India 400008								
Date of Receip	t of Instru	ment	29/01/202							
	ondition of Instrument on Receipt Working			Calibration at			Lab	b		
Environmental Conditions		emperature	23±1.5 °C		Relat	Relative Humidity		ity	50±10 %RH	
Details of Unit	Under Cal	ibration (UUC)								
Instrument		chometer			Equipment NA					
Make:	MEXTEC				Equipment Id NA					
Model No.:	DT-22340				Department NA					
Sr. No:	S087161				Section NA					
Tag/ld. No.	Id. No. JJH/MICRO/SERO/TECHM/01				Location:	ation: NA				
Procedure No_	WI/ASPL	CAL/PR/07			Ref. Used:		•			
R	ange / Size	9		Least Cou	ınt			Accuracy/	Accepta	nce Criteria
2.5 to 00000 PDM 0.1 RPM upto 999			99.9 RPM & 1 RPM above 1000 RPM		± (0.05% + 1 Digit)					
Details of Stan	dard(s) us	ed for Calibrati	on (Traces	ble to Nation	nal & Interna	tional	Star	ndards)		
Descript	ion	Make & N					raceability (Certificat No.)		e Valld Upto	
DIGITAL TACH	OMETER	Monarch & F	PLT 200 1856742		& STD/P/PR/07		Hi Tech, Chennai HT/CC/210623-20:003)		,	25/06/2022
Measurement Group : Accele Observation Ta	eration . Sp	peed & Acousti	⇔							
Sr. No.		allbration Point	Reading	On Standard	Reading C	n UU	c	Епог		(±) Expanded Uncertainty
		RPM		RPM	RPI			RPM		RPM
1		100	1	00.01	100	100.0		-0.01		1.500
2	1	3000	1 3	1000.1	3000					5.600

Remark

The reported expanded uncertainty of measurement is stated as a standard uncertainty of measurement multiplied by coverage factor "k = 2" such that the
coverage probability corresponds to approximately 95% confidence level,
 The measured values mentioned are the average of 5 readings,

5000.1

3. Measured readings have been mentioned.

Notes

5000

1. This certificate refers only to the particular item calibrated at site / laboratory.

2. The calibration results reported are valid at the time of and under the stated conditions of measurement.

3. Any correction in this certificate invalidates this certificate.

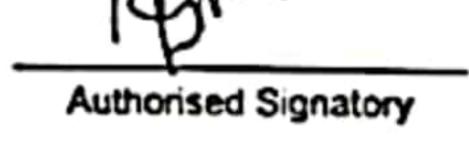
4. This certificate shall not be reproduced except, in full without the written approval from the Laboratory.

5. Calibration of UUC done by any accredited laboratones is meant for scientific and industrial purpose only. However, if used for commercial trading, additional recognition/ approval shall be complied as required by Dept, of Legal metrology, Regulatory bodies, etc.

Authorised Signatory	Jyotindra Mehta		
	Sr.Manager		
Calibrated By	Prajakta Zagade		
	Calibration Engineer		



5001



5.600

Scanned with CamScanner

0.9

- End of Cartificate -

