



IN-HOUSE CALIBRATION CERTIFICATE

Name of the Equipment :- Centrifuge Machine	
Equipment I.D :- UHM/ICTC/centrifuge/01	
Location :- HTL	Working Range :- 0-5000
Manufacturer :- REMI	
Calibrated on :- 23/04/2022	Next Calibration due :- 22/04/2022

Method :- Traceability Certificate

GSVMC/Micro/HTL/Digital Tachometer/01 SRF No. & Date: 211119A/N Dt. 03/12/2021
Standard: Line Seiki/TM5010EK-039, Godrej, M-210914-16-1 Dt. 14/09/2022

Test Condition: Working

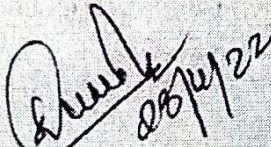
Room Temperature: 24°C

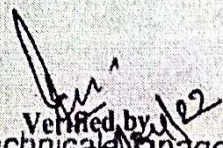
RH: 34%

Instrument	Reading					Mean
	1	2	3	4	5	
Tachometer (GSVMC/Micro/HTL/Tachometer/01)	3008	3010	3005	3009	3015	3009
Centrifuge 02 (GSVMC/Micro/HTL/centrifuge/02)	3000	3000	3000	3000	3000	3000

Acceptable Variation: +/- 10% with standard Tachometer

Remarks: Instrument has passed the acceptance criteria (Yes/No).....Yes


Checked by
Lab Technician
HCTS/HTL
Dept. of Microbiology
G.S.V.M. Medical College
Kanpur


Verified by
Technical Manager
HIV Testing Laboratory (HTL)
Dept. of Microbiology
G.S.V.M. Medical College
Kanpur



ADVANCE CALIBRATION SERVICES



NABL ACCREDITED LAB
(A Unit of Advance Engineers)

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Calibration Certificate

CERTIFICATE NO.	: 211119A/N-110	Page	: 1 of 1
CALIBRATED ON.	: 21 / 11 / 2021	Ref. Std.	: ITS:90
CALIBRATION DUE.	: 20 / 11 / 2022	C.P. No.	: ACS/CP/07
SRF No. & DATE	: 211119A/N Dt. 19.11.2021.	Phy. Inspection :	O.K.
ULR No. & ISSUE DATE	: CC210021000001058F Dt. 03.12.2021	Cal. At	: Site / Lab
CALIBRATED FOR	: M/s HTL, Department of Microbiology GSVM Medical College Kanpur		
ITEM CALIBRATED	: Digital Tachometer		
	Make : Mastech	Range :	5000 rpm
	L. Count : 1 rpm	ID No. :	GSVMMC/Micro/HTL/Digital Tachometer/01
	Location : HTL Lab	S. No. :	S349153
ENVIRONMENT CONDITION:	Temp. { 25 + 3 } °C R.H. { 40 to 60 } %		
STANDARD INSTRUMENTS USED :			
INSTT. NAME	MAKE / S. No.	CALIBRATED FROM	CERTIFICATE No. & VALIDITY Dt.
Tachometer	Line Seiki / TM5010EK-039	Godrej	M-210914-16-1 Dt. 14.09.2022
RESULTS	: Mechanical Discipline		
* U.C. INSTT. READS (RPM)	STANDARD READS (RPM)	ERROR (RPM)	
1007.22	1006.08	- 01.14	
2008.84	2005.41	- 03.43	
4009.62	4004.54	- 05.08	
5009.83	5008.54	- 06.29	

REMARKS

: The Expanded uncertainty of measurement at 95% confidence level is ± 6.82 rpm of reading at coverage Factor $k=2$.

NOTE

* U.C. : Under Calibration.

- Instrument has been Calibrated against laboratory standard instruments whose values are traceable to National Standard as mention in above.
- The calibration results reported in this certificate are valid at the time of and under the stated conditions of measurement for a particular sample identified above.
- This report should not be reproduced in full or in an abstract form without obtaining prior written permission from our office.
- The test report is not to be used for any legal purpose and shall not be produced in the court of law

