



ADVANCE CALIBRATION SERVICES



NABL ACCREDITED LAB
(A Unit of Advance Engineers)

'O' - 73, SECTOR-12, NOIDA-201 301, Ph. : 0120-2548017, +91-9891121066, 9668309579
E-mail : advance.cal@gmail.com ; advance.engrs@yahoo.com

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. : GSVMCC/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 ± 6.82rpm 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



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 :- 22/04/2023

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

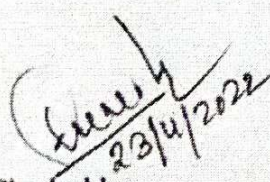
Room Temperature: 24°C

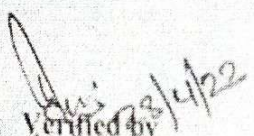
RH: 34%

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