



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	

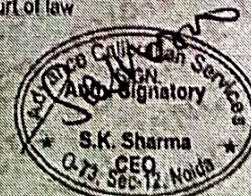
REMARKS

: 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





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

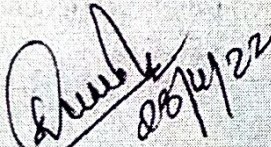
Room Temperature: 24°C

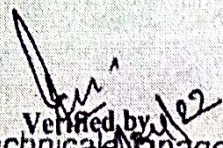
RH: 34%

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
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Verified by
Technical Manager
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