



MATOSHREE INSTRUMENTS™

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Calibration Certificate Centrifuge

Certificate No: MI 2012001

Service Requested by:	PGM Diagnostic	Request Date:	08.12.2020
	Shop No. 41/42, G- Wing, Gokul Nagari -II, W.E. Highway, Dattani Road, Kandivali - East, Mumbai - 400101	Received on:	08.12.2020
		Physical Condition:	Good

Details of Instrument/Unit Under Calibration (UUC)

Instrument Name:	Centrifuge	Calibration Date:	08.12.2020
Manufacturer:	Remi	Calibration Due Date:	07.12.2021
Model:	R-8C		
Serial No.:	ZDIN-25839		
Id. No.	-	Calibrated at:	Site

Ambient Conditions

Temperature	25.1	Relative Humidity	54.6 %RH \pm 5 %RH
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Calibration Specifications

Parameters	Range	Least Count.	Accuracy
RPM	0 to 4000 RPM	10 RPM	\pm 20 RPM
Time	Upto 30 Min	1 Min	

Reference Standards Used

Equipment Type	Serial No./Id. No.	Make	Certificate No.	Cal. Date	Due Date
Digital Tachometer	MI-021	Lutron	2020/00607	03.08.2020	02.08.2021
Digital Stop Watch	MI-016	Racer	2020/0608	03.08.2020	02.08.2021

Calibration Procedure: Centrifuge is calibrated by comparison with standards.

Observation : Parameter : RPM

Set Point	UUC Readings	Standard Readings	Deviation	Uncertainty
RPM	RPM	RPM	RPM	RPM
500	490	496.2	-6.2	\pm 7.6
1000	990	996	-6.0	
2000	2000	2006	-6	
3000	3000	3012	-12	
4000	3990	4013	-23	

Parameter : Time

Set Point	UUC Readings	Standard Readings	Uncertainty
Min	Min	Min:Sec:msec	sec
5	5	5 : 00 : 12	\pm 1.42
10	10	10 : 00 : 23	
30	30	29 : 59 : 89	

Note:

UUC: Unit under calibration
Uncertainty has been calculated for a coverage factor k=2 corresponding to approximately 95% Confidence Level
The Standard maintained are traceable to National/ International Standard through accredited Laboratories.
The observations reported represent values at the time of the measurements and under the stated condition. They do not convey any long term stability information.

Authorized By: _____

Name: _____

Prakash Niwate

