



# RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

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RIR CERTIFICATION  
ISO 9001:2015



ACCREDITED BY  
IAS, USA  
MSC B-127



CC-2927

## CALIBRATION CERTIFICATE

<b>1. CUSTOMER</b>	:-	Page No.	:- 1 of 1
<b>Dr. Manisha Mishra's Pathology Laboratory</b>		NABL Accreditation No.	:- CC-2927
1st Floor, Near Karishma Kapda Bazar, Girls College Road,		Certificate No.	:- 22.09.24.002
Ansari Ward, Gondia - 411 601.		Date of Received	:- 24.09.2022
Temperature. (°C)	:- 22.5	Date of Calibration	:- 24.09.2022
Relative Humidity (% RH)	:- 51	Next Calibration Due On	:- 23.09.2023
Location of calibration	:- In Lab/On site	Calibration method No.	:- RTS-WI-06
Condition of Item	:- OK	Date of Issue	:- 26.09.2022
		ULR No.	:- CC292722000007658F

### 2. Description of Item

Name	:- Speed (Centrifuge)	Range	:- 0 to 3500 RPM
Sr. No.	:- --	Least Count	:- --
Make	:- Map India		
Type	:- Analog	Location	:- Lab

### 3. Details of Equipment used for calibration

Name	:- DIG. TACHOMETER
Certificate No.	:- HT/CC/211001-01/001
Certified By	:- HI TECH
ID/Sr. No.	:- RTS-RPM-03
Range	:- 1 to 99999 RPM
Uncertainty	:- $\pm 3.36$ RPM
Calibration Validity	:- 03.10.2022

Discipline :- Mechanical Calibration

Group :- Acceleration, Speed & Acoustics-Speed

### 4. Calibration Results

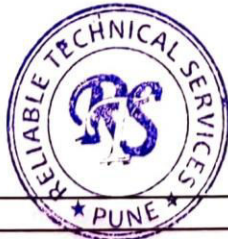
Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in $\pm$
RPM	RPM	RPM	RPM	RPM
500	498.5	500	1.5	1.2
1000	997	1000	3	5.1
2000	1994	2000	6	5.1
3000	2992	3000	8	5.1
3500	3490	3500	10	5.1

#### Note:

- The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor  $k=2$ , which corresponds to a coverage probability of approximately 95% for normal distribution
- This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- Calibration point were selected as per customer specifications.
- This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Reliable Technical Services, Pune".
- The Standard used are traceable to National / International Standard.
- Conformity with requirements :- ---

Calibrated By

Calibration Engineer  
Sagar Kore



Approved By

Technical Manager  
RAHUL SABLE

RF-21, R0

