



# RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,  
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RIR CERTIFICATION  
ISO 9001:2015



ACCREDITED BY  
IAS, USA  
MSCB-127

## CALIBRATION CERTIFICATE

<b>1. CUSTOMER</b>	:-	Page No.	:- 1 of 1
<b>Villo Poonawalla Memorial Hospital</b>		Certificate No.	:- 21.10.28.074
S.No. 156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,		Date of Received	:- 29.10.2021
Near Savli Corner, Hadapsar, Pune - 411028		Date of Calibration	:- 29.10.2021
Temperature. (°C)	:- 22.5	Next Calibration Due On	:- 28.10.2022
Relative Humidity (% RH)	:- 51	Calibration method No.	:- RTS-WI-06
Location of calibration	:- In Lab/On site	Date Of Issue	:- 01.11.2021
Condition of Item	:- OK		

<b>2. Description of Item</b>			
Name	:- Speed (Centrifuge )	Range	:- 0 to 5500 RPM
Id No	:- VPMH/0046	Least Count	:-
Make	:- Remi		
Type	:- Knob	Location	:- Pathology

<b>3. Details of Equipment used for calibration</b>			
Name	:- DIG. TACHOMETER		
Certificate No.	:- HT/CC/211001-01/001		
Certified By	:- HI TECH		
ID/Sr. No.	:- RTS-RPM-03		
Calibration Validity	:- 03.10.2022		

**Discipline** :- Mechanical Calibration **Group** :- Acceleration, Speed & Acoustics-Speed

<b>4. Calibration Results</b>			
	Knob No	Standard Reading RPM	Expanded Uncertainty in ±RPM
	1	858.4	1.2
	2	1263	4.5
	3	2465	4.5
	4	3489	4.5
	5	4996	4.5

**Note:**  
 1) 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  
 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.  
 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.  
 4) Calibration point were selected as per customer specifications.  
 5) 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".  
 6) The Standard used are traceable to National / International Standard.

Calibrated By  Calibration Engineer Dushant Morcy RF-21, R0		Approved By  Technical Manager SACHIN A. MHASAWADE
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CC-2927

## CALIBRATION CERTIFICATE

<b>1.CUSTOMER</b>	:-	Page No.	:- 1 of 1
Villoo Poonawalla Memorial Hospital		NABL Accreditation No.	:- CC-2927
S.No.156, Plot No.1/3A+3B/1+2, 3, Pune - Solapur Rd,		Certificate No.	:- 21.10.28.073
Near Savli Corner, Hadapsar, Pune - 411028		Date of Received	:- 29.10.2021
Temperature. (°C)	:- 22.5	Date of Calibration	:- 29.10.2021
Relative Humidity (% RH)	:- 51	Next Calibration Due On	:- 28.10.2022
Location of calibration	:- In Lab/On site	Calibration method No.	:- RTS-WI-06
Condition of Item	:- OK	Date of Issue	:- 01.11.2021
		ULR No.	:- CC292721000052577F

<b>2. Description of Item</b>			
Name	:- Speed (Centrifuge)	Range	:- 2200 to 2800 RPM
Id No	:- VPF/0369	Least Count	:- 100 RPM
Make	:- BR Biochem		
Type	:- Digital	Location	:- Pathology

<b>3.Details of Equipment used for calibration</b>	
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	:- ± 3.36 RPM
Calibration Validity	:- 03.10.2022

Discipline :- Mechanical Calibration      Group :- Acceleration, Speed & Acoustics-Speed

<b>4.Calibration Results</b>				
Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in±
RPM	RPM	RPM	RPM	RPM
2200	2205	2200	-5	5.10
2500	2507	2500	-7	5.10
2800	2809	2800	-9	5.10

- Note:**
- 1) 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
  - 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
  - 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
  - 4) Calibration point were selected as per customer specifications.
  - 5) 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".
  - 6) The Standard used are traceable to National / International Standard.
  - 7) Conformity with requirements :-

Calibrated By <i>Dmorey</i> Calibration Engineer Dushant Morey RF 21, R0		Approved By <i>SM</i> Technical Manager SACHIN A. MHASAWADE
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