



## CALIBRATION CERTIFICATE

### 1. CUSTOMER :-

AROYAM PATHOLOGY CENTRE  
TONKA, CARANZALEM, GOA

Ambient Temp. (°C) :- 21 to 40  
Relative Humidity (%RH) :- 30 to 75  
Location of calibration :- On Site  
Condition of Item :- Ok

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SRF NO. :- GTS/221006/01  
Certificate No. :- GTS/221006/01-005  
Date of Received :- 06.10.2022  
Date of Calibration :- 06.10.2022  
Next Calibration Due On :- 05.10.2023  
Issue Date :- 13.10.2022  
Calibration method No. :- MECH-WI-07  
ULR No :- CC295722000010201F

### 2. Description of Item

Name :- Centrifuge Range :- 100 to 5000 RPM  
Id No :- APC/CENT/01 Least Count :- 100 RPM  
Make :- Labline Location :- LAB  
Type :- Digital Sr No :- --  
Dept. :- Pathology

### 3. Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID No.	Calibration Validity
Digital Tachometer	NI/2205/059/003	Nishitronics Instrumentation	GTS/TM/01	22.05.2023

### \*Mechanical Calibration

### 4. Calibration Results :-

Calibration Points RPM	Standard Reading RPM	UUC Reading RPM	Error in RPM	Expanded Uncertainty in ± %
1000	997	1000	3	1.20
2000	1998	2000	2	1.20
3000	3005	3000	-5	1.20
4000	4002	4000	-2	1.20
5000	4996	5000	4	1.20

- 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 95.45% 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 "Global Technical Services, Pune".
  - 6) The Instruments used for calibration are traceable to National/International standards and their Calibrations are valid.

Calibrated By

*Rohit*

Calibration Engineer  
Rohit Lawand

RF-55/01



Approved By

*Swapnil*  
Technical Manager  
Swapnil Bhagwat

End of Certificate