



## Calibration Certificate

Format No.: F31 (7.8-01)

Certificate No.	KRC/2023/BH/014/008	Discipline	Mechanical (Acceleration And Speed)
ULR No.	CC205323000000487F	Performed at	Site
User Name: M/s	Global Pathology Centre C-16, Near DDU Hospital, Nanak Pura, Hari Nagar, New Delhi-110064		
Equip. For Calibration	Laboratory Centrifuge	Acceptance criteria (mm)	---
Make / Model No.	ZEHN-27808	Accuracy $\pm$ (rpm)	5
Range / Size (rpm)	0 to 3500	Visual Inspection	OK
Serial No.	---	Date of receipt of UUC	11-Feb-2023
I.D. No.	GPC/LAB/10	Calibration Date	12-Feb-2023
Least count	1	Calibration Due Date	11-Feb-2024
Location	Lab	Date of Issue	14-Feb-2023

Reference Standard	IS 12508 : 1988	Environmental Condition	
Reference Document For Calibration	KRC/CPM/7.2-30-D-WI	Temperature	Relative Humidity
		20 $\pm$ 2°C	50 $\pm$ 10 % RH

### Standard Equipment Used for Calibration

Instrument Name	Make	LD No./Sr.No.	Traceability	Certificate No./ ULR No.	Suggested Due Date
Digital Tachometer	Métrol	KRC/DTM/01 / 210130624	Asian International	AI/2022/00553	4-Jul-2023

### Calibration Results

Sr. No.	Nominal Value (rpm)	Std. Reading in (rpm)	Measured Aperature Reading in (rpm)	Error (rpm)	Expanded Uncertainty ( $\pm$ ) rpm
1	20	20.0	19.6	-0.4	3.0
2	500	500.2	497.4	-2.7	3.0
3	1000	999.8	998.9	-3.0	3.6
4	3000	2999	2999	0	5.7
5	3500	3500	3504	4	32

**Uncertainty of Measurement:** The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor  $k = 2$  such that the coverage probability corresponds to approximately 95%.

**Note:**

- The calibration results reported in this certificate are valid at the time of and the stated condition of measurement.
- The results reported relate only to the above calibrated item.
- This report should not be reproduced except in full without our prior permission in writing.
- Calibration certificate without signature are not valid.
- UUC stands for unit under calibration.

Calibrated By  
[Signature]  
Calibration Engineer



\*END OF REPORT\*