



Calibration Certificate

Format No. : F31 (7.8-01)

Certificate No.	KRC/2023/BH/014-011	Discipline	Mechanical (Acceleration And Speed)
ULR. No.	CC205323000000500F	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	Blood Mixer	Acceptance criteria (mm)	---
Unit Under Calibration	RPM	Accuracy \pm (rpm)	5
Make / Model No.	TRANSASIA / SR20A	Visual Inspection	OK
Range / Size (rpm)	20 to 40	Date of receipt of UUC	11-Feb-2023
Serial No.	---	Calibration Date	12-Feb-2023
I.D. No.	GPC/LAB/13	Calibration Due Date	11-Feb-2024
Least count	1	Date of Issue	14-Feb-2023
Location	Lab		

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	I.D No./Sr.No.	Traceability	Certificate No./ ULR No.	Suggested Due Date
Digital Tachometer	Metravi	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	19.9	19.9	0.0	3.0
2	25	24.8	23.2	-1.6	3.0
3	30	29.8	25.0	-4.8	5.0
4	40	40.0	36.7	-3.3	4.8

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:

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

Calibrated By
Calibration Engineer



END OF REPORT

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