



AOV INTERNATIONAL LLP

(MEDICAL DEVICES CALIBRATION LABORATORY)

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AOV/7.8/QF/3

Calibration Certificate

Certificate No.: AOV/CALN/22-12/0295

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Customer Detail:	
Name and address of customer :-	M/s. KHARAGPUR SDH PASCHIM MEDINIPUR, WEST BENGAL - 721301
Calibration Certificate Details:	
Customer Reference Number :-	-----
Date of Receipt :-	17-Dec-2022
Date of issue :-	18-Dec-2022
Date of calibration :-	17-Dec-2022
Recommended Due Date :-	17-Dec-2023
Description of Device under calibration:	
Name of Instrument :-	Centrifuge
Range :-	As per Manual
Make / Model :-	Remi
Least Count :-	As per Range
Serial Number :-	---
Location/Department :-	ICTC Lab
Equipment ID :-	4220700014
Condition of DUC :-	Satisfactory
Accuracy :-	---
Location of calibration (At Lab/Site) :-	Site
Environmental Conditions Details:	
Temperature :-	25 ± 4°C
Relative Humidity :-	50 ± 20 %
Relevant Standard & Procedure Details:	
Method & Reference Calibration Procedure :-	By Using Comparison Method & AOV/CP/29
Reference National/ International Standards :-	IS:12508

Description of standards used for calibration:				
Name of Master Inst.	Make & Model	Serial Number	Valid Upto	Traceable To
Digital Tachometer	Fluke / 931	4792051	8-Dec-2023	CC-3171

Visual Inspection of Device Under Calibration :-	
Parameter	Remarks (Ok / Not Ok)
1) Physical Damage	Ok
2) Power Chord Check	Ok
3) Accessories, Cables, Filter, Inlet & Hoses	Ok
4) Battery Power	--
5) Alarm Function	Ok

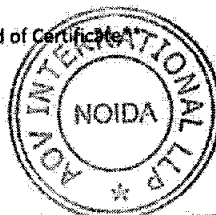
Discipline & Group: Mechanical-Acceleration and Speed					
Calibration Results :-					
Sr. No.	Parameter	DUC Knob Set Value(M)	STD Measured Value(S)	Error (M - S)	Expanded Uncertainty (±RPM)
1)	Rotation (RPM) (Non Contact Type)	1	702.3	--	3.80
		2	1302	--	4.78
		3	1862	--	4.78
		4	2420	--	4.78
		5	2791	--	4.78

Remarks:

- Equipment used for calibration were calibrated & traceable to National & International Standards.
- The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2.00, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NABL requirements.
- The reported uncertainty applies only to the measured values and gives no indication of the long term stability of device.
- Recommended Due Date of Calibration Certificate as per Customer Request.
- All Readings are average of Five Readings.
- DUC stands for Device Under Calibration.

End of Certificate

CALIBRATED/CHECKED BY
Bhagwan Singh (Calibration Engineer)



AUTHORISED SIGNATORY
Gaurav Rajawat (Quality Manager)

NOTE:

- This Calibration Certificate refers only to the particular item submitted for calibration.
- This certificate shall not be reproduced except in full/part without prior permission of AOV International LLP.
- The Calibration results reported in this certificate are valid at the time of an under stated condition of measurement.