



ADARSHA CALIBRATION SERVICES

NABL ACCREDITED CALIBRATION LABORATORY

Plot No.18,19, Survey No-118, Byraveshwara Nagar, Manganahalli Cross, Ullal Main Road,
Ullal (P), Bangalore-560056, Ph: +91-80-2324 0578, Mob: +91-9945086171/172/173

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CERTIFICATE OF CALIBRATION

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Certificate Number: ACS/FEB/21/S53-01		ULR Number: ULR-CC-272221000002062F		
Customer Name & Address: M/s.Nucleus Healthcare Laboratory & ECG, Opp. Govt Hospital, Irikkur Po, Kannur-670593.				
Date Of SRF: 25-02-2021	Calibrated At: Site	Date of Calibration: 25-02-2021	Calibration WI No: WI/MC/10	
Next Cal Due: 24-02-2022	Temperature: 23.5°C	Date of Issue: 26-02-2021	Humidity: 54% R.H	
DETAILS OF DEVICE UNDER CALIBRATION				
Nomenclature : RPM Meter	Serial. No: 2154	Make & Model : Rotek Plus & NA	Code/ID No : NA	
Range : 0 to 5500 RPM	Resolution: 100 RPM	Location : Centrifuge		
DETAILS OF STANDARD INSTRUMENT USED		Reference Standard: SANAS TR 45-02/01		
Nomenclature: Digital Tachometer	Serial. No: AE.75584	Make / Model : Lutron & DT-1236L	Cal Due Date: 13-03-2021	
Range : 10 to 99999 RPM	Certificate No: ACS/MC/20-21/I02384-01			
CALIBRATION RESULTS:				
Parameter: SPEED		Discipline : Mechanical		
Sl.No.	Standard Reading (RPM)	DUC Reading (RPM)	Error Obtained ± (RPM)	Expanded Measurement Uncertainty ±(RPM)
PHOTO				
1	1002	1000	-2	12.09
2	2004	2000	-4	12.09
3	3006	3000	-6	12.09
4	4007	4000	-7	12.09
5	5008	5000	-8	12.09
6	5509	5500	-9	12.09
REMARKS & CONCLUSION:				
1.The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.				
2.Next Calibration Due Date mentioned as per customer requirement.				
3.Calibration Work Order Received Through "M/s, Medical Engineering & Services".				
Calibrated By		Authorized Signatory		
Deepak Kamaraj Calibration Engineer		Manjunath I Technical Manager		





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CC-2722

CERTIFICATE OF CALIBRATION

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Certificate Number: ACS/FEB/21/S53-02 ULR Number: ULR-CC-272221000002063F

Customer Name & Address: M/s.Nucleus Healthcare Laboratory & ECG,
Opp. Govt Hospital, Irikkur Po,
Kannur-670593.

Date Of SRF: 25-02-2021 Calibrated At: Site
Date of Calibration: 25-02-2021 Calibration WI No: WI/ET/04
Next Cal Due: 24-02-2022 Date of Issue: 26-02-2021
Environmental Conditions : Temperature: 24.5°C Humidity: 54% R.H

DETAILS OF DEVICE UNDER CALIBRATION

Nomenclature : Digital Timer Serial. No: 2154
Make & Model : Rotek Plus & NA Code/ID No : NA
Range : 0 to 99 Min Resolution: 1 Min
Location: Centrifuge

DETAILS OF STANDARD INSTRUMENT USED

Reference Standard: NIST-960-12
Nomenclature : Digital Time Totalizer Serial. No: 291
Make & Model : Beltronics & 501 Cal Due Date: 01-10-2021
Range : 0 to 24 Hour Certificate No: 20/107-01

Calibration Results : Discipline : Electro Technical Lab

Parameter: Time

Sl.No.	Standard Reading				DUC Reading	Computed Standard Reading	Computed DUC Reading	Error Observed (±)	Expanded Measurement Uncertainty ±
	Hr	min	Sec	mSec					
1	00	05	00	110	05	300.110	300	-0.110	0.06
2	00	10	00	179	10	600.179	600	-0.179	0.06
3	00	15	00	216	15	900.216	900	-0.216	0.06
4	00	20	00	335	20	1200.335	1200	-0.335	0.06
5	00	25	00	370	25	1500.370	1500	-0.370	0.06
6	00	30	00	437	30	1800.437	1800	-0.437	0.06

REMARKS & CONCLUSION:

- The Measurement Uncertainty Values are estimated at a confidence level of 95.45 % with a coverage factor k =2.00.
- Next calibration due date mentioned as per customer requirement
- Calibration Work Order Received Through "M/s. Medical Engineering & Services".

Calibrated By

Deepak kamaraj

Calibration Engineer



Authorised Signatory

Venkoba Rao G P

C.E.O