



# ROOTS METROLOGY & TESTING LABORATORY

(A Division of Roots Industries India Limited)

156, Bommasandra Industrial Area, Bommasandra, Jigani Link Road,  
Anekal Taluk, Bangalore - 560 099, Mobile : 97900 14066, E-mail : blrmetlab@rootsemail.com



## CALIBRATION CERTIFICATE

Issued Date : 06-06-2022

ULR-CC278222030005902F

Report No. : BRMTL/01/522100227-A-5	Customer's Ref. : Onsite Dt - 02-06-2022
Name of the Customer : M/s. ALPHA LIFECARE , No.17 Bashyam Street, Manjakuppam , Cuddalore - 607001	Date of Receipt of Item : Onsite Calibration Date of Calibration : 02-06-2022 Next Calibration Due : 01-06-2023 Condition of Receipt Item Satisfactory

Description : CENTRIFUGE	Range : 0 to 3500 rpm
Make : REMI	L.C : --
Model / Type :	Location : LAB
Ident./Sl.No. : --/ZGAN-02661	Cal At : Onsite

### DETAILS OF MASTER USED

Standard Instrument Used	ID NO.	Make & Model	Traceable to/Certificate No.	Validity
Digital Tachometer	BRMTL-132	Lutron & DT2236	CRMTL/01/422100093-A1	11-Apr-2023

The masters are traceable to national / International standards

### Calibration field : Speed

Cal.Procedure Ref.No. :	BRMTL/WI/112	Ref.Document :	Manufacturer Specification
Estimated Uncertainty of Measurement (At confidence level of 95% for a coverage factor k=2)	As Reported	Temperature & humidity During Calibration :	22.7°C & 53.7 %RH

The reported results are valid only for the condition of the instrument/gauge at the time of the onsite calibration.

### Calibration Result :

(All values in rpm)

Sl.No.	DUC READINGS (DUC)	STANDARD READINGS (REF)	ERROR	EXPANDED UNCERTAINTY (±)
	rpm	rpm	rpm	rpm
1	500	500.6	-0.6	0.72
2	1000	1001	-1.0	0.93
3	2000	2002	-2	1.12
4	3000	4002	-1002	1.15
5	3500	5003	-1503	1.15

Legend : DUC : Device Under Calibration

\*\*End\*\*

CALIBRATED BY (CALIBRATION ENGINEER)

AUTHORIZED BY (QM/TM/DY.TM/SrEr)

This Report refers only to the sample submitted and may not be reproduced in full or in part, without written permission from Quality Manager Roots Metrology & Testing Laboratory, Bangalore.

S.UDAIYAPPAN

KAMALAKANNAN

1 of 1

Calibration

Label / Status :

White : Calibrated

Green : Accepted - Valid for use

Yellow : Limited use (Refer report)

Red : Rejected-Out of use (Refer report)

\* NEXT CALIBRATION DUE AS PER CUSTOMERS PLAN AND REQUIREMENT