

CALIBRATION CERTIFICATE

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1. Customer Name:	M/s. CHRONEVA HEALTH LAB PRIVATE LIMITED, The Orclid No-68, Ground Floor, 9th main, HMT Layout, RT Nagar, Bengaluru-560032	6. Certificate No:	RCPL/23-24/ML/S2252-02	
		7. ULR No:	CC221523000014511F	
		8. Date of Issue:	03-11-2023	
2. SRF NO:	S2252	9. Date of Calibration:	26-10-2023	
3. Date of SRF/Receipt:	26-10-2023	10. Next Cal Due:	25-10-2024	
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-05	
5. Calibrated At:	Onsite	12. Condition of DUC on Receipt:	Functional	
13. ENVIRONMENTAL CONDITION : Temperature: 23.4°C / Humidity: 54% R.H				
14. DUC DETAILS:				
Nomenclature :	Centrifuge (RPM)	Serial. No:	FFLC-6646	
Make / Model :	Remi & R-8C	Code/ID No :	CHVL_BLR_C_003	
Range :	Upto 5250 RPM	Resolution:	10 RPM	
Location:	LAB			
15. STANDARD INSTRUMENT USED:				
Nomenclature:	Digital Tachometer	Serial. No:	164-0109	
Make & Model :	Line Seiki & TM-5000	Cal Due Date:	17-09-2024	
Range :	6.0 to 99999.9 RPM	Traceable to:	Sansel Instruments and Control, Chennai	
Certificate No:	SANS/FT/01(7.8/01)			
16. CALIBRATION RESULTS:				
Parameter: SPEED				
Sl. No.	Standard Reading (RPM)	DUC Set Point (RPM)	Error Observed (RPM)	Uncertainty of Measurement± (% of reading)
1	500.3	500	-0.3	1.16
2	1000.3	1000	-0.3	0.58
3	2000.7	2000	-0.7	0.29
4	4000.7	4000	-0.7	0.15
5	5200.7	5250	49.3	0.11
17. REMARKS & CONCLUSION:				
a. Reported Values of DUC & Standard are Average of 5 Measuring Series.				
b. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.				
c. Calibration certificate issued for Centrifuge is used scientific or industrial purpose only.				
d. The Std. used for calibration were calibrated and Traceable to National/International Standards.				
Calibrated By  SHRIKANTH BIRADAR CALIBRATION ENGINEER			Authorized Signatory  MANJUNATH CHANDAKI DY TECHNICAL MANAGER Bengaluru	
****End Of Certificate****				

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1. Customer Name:	M/s. CHRONEVA HEALTH LAB PRIVATE LIMITED., The Orclid No-68, Ground Floor, 9th main, HMT Layout, RT Nagar, Bengaluru-560032.	6. Certificate No:	RCPL/23-24/ET/S2252-01
		7. ULR No.	CC221523000014648F
		8. Date of Issue:	03-11-2023
2. Discipline:	Electro Technical Calibration	9. Date of SRF:	26-10-2023
3. Date of Calibration:	26-10-2023	10. Next Cal Due:	25-10-2024
4. Calibrated At:	Oniste	11. Calibration SOP no:	RCPL/SOP/ET-05
5. SRF NO:	S2252	12. Condition of DUC on Receipt:	Functional
13. ENVIRONMENTAL CONDITION: Temperature: 20 to 40°C / Humidity: ≤70% R.H			
14. DUC DETAILS:			
Nomenclature :	Centrifuge (Timer)	Serial No:	FFLC-6646
Make & Model :	REMI & R-8C	Code/ID No:	CHVL _BLR_C_003
Range :	0 to 60 min	Resolution:	1 min
Location :	LAB		
15. STANDARD INSTRUMENT USED:			
Nomenclature:	Time Totalizer	Serial. No:	105
Make & Model :	BELTRONICS & 501	Cal Due Date:	26-08-2024
Range :	As Per Manual	Traceable to:	Godrej & Boyce Mfg. Co. Ltd., Chennai.
Certificate No:	C-230821-14-1		
Calibrated By  PRASHANTH G CALIBRATION ENGINEER			
		Authorized Signatory  B SRINIVAS TECHNICAL MANAGER 	
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Certificate No	RCPL/23-24/ET/S2252-01	ULR NO.:	CC221523000014648F
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16. CALIBRATION RESULTS:

SI No	Parameter / Range	Standard Instrument Reading	Computed Value	DUC Reading	Computed Value	Error Obtained	Measurement Uncertainty \pm
		hr : min : sec : msec	sec	min	sec	sec	sec
1	Time / 0 to 60min	00:01:00:032	60.032	1.0	60.00	-0.032	0.054
2		00:05:00:036	300.036	5.0	300.00	-0.036	0.261
3		00:10:00:042	600.042	10.0	600.00	-0.042	0.522
4		00:20:00:043	1200.043	20.0	1200.00	-0.043	1.044
		hr : min : sec	sec	min	sec	sec	sec
5		00:30:00:051	1800.051	30.0	1800.00	-0.051	1.567

17. REMARKS & CONCLUSION:

- Reported Values of Standard & DUC are Average of 5 Trials.
- The Measurement Uncertainty Values are estimated at a confidence level of 95.45 % with a coverage factor $k = 2.00$.
- Calibration points & Due date is given as per customer request.
- Measurement results are traceable to national standard.

Calibrated By



PRASHANTH G
CALIBRATION ENGINEER

Authorized Signatory



B SRINIVAS
TECHNICAL MANAGER

End of Certificate

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