

CALIBRATION CERTIFICATE

1. Customer Name:	M/s.CARE DIAGNOSTICS, 3rd Cross , Opp.ICICI Bank, Neeladri Nagar, Electronic City, Phase-1, Bangalore-100	6. Certificate No:	RCPL/20-21/ML/S1189-01
		7. ULR No:	CC221521000000400F
		8. Date of Issue:	23-01-2021
2. SRF NO:	S1189	9. Date of Calibration:	22-01-2021
3. Date of SRF/Receipt:	12-01-2021	10. Next Cal Due:	21-01-2022
4. Discipline:	Mechanical Calibration	11. Calibration SOP no:	RCPL/SOP/ML-05
5. Calibrated At:	ONSITE	12. Condition of DUC on Receipt:	Good

13. ENVIRONMENTAL CONDITION : Temperature: 24.4°C / Humidity: 57% R.H

14. DUC DETAILS:

Nomenclature :	CENTRIFUGE	Serial. No:	ZFDN-13805
Make/Model :	REMI & R-8C PLUS	Code/ID No :	-----
Range :	Upto 6000 RPM (Rotor Range Upto 4500 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:	23-09-2021
Range :	6.0 to 99999.9 RPM	Traceable to:	Godrej & Boyce Mfg. Co. Ltd, CHENNAI
Certificate No:	C-200915-4-1		

16. CALIBRATION RESULTS:

Parameter: SPEED

Sl. No.	Standard Reading (RPM)	DUC Set Point (RPM)	Error Observed (RPM)	Uncertainty of Measurement± (% of reading)
1	499.6	500	0.4	1.16
2	999.9	1000	0.1	0.58
3	2001.0	2000	-1.0	0.29
4	3001.0	3000	-1.0	0.19
5	4502.0	4500	-2.0	0.13

17. REMARKS & CONCLUSION:

- Reported Values of DUC & Standard are Average of 5 Measuring Series.
- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor k=2.0.
- Calibration certificate issued for Centrifuge is used scientific or industrial purpose only.
- The Std.used for calibration were calibrated and Traceable to National/International Standards.

Calibrated By

J. V. Chitthi

BEERAPPA
CALIBRATION ENGINEER



Authorized Signatory

[Signature]

MANJUNATH CHANDAKI
Dy. TECHNICAL MANAGER

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1. Customer Name:	M/s.CARE DIAGNOSTICS, 3rd Cross , Opp.ICICI Bank, Neeladri Nagar, Electronic City, Phase-1, Bangalore - 100	6.Certificate No:	RCPL/20-21/ET/S1189-01
		7.ULR No.	CC221521000000404F
		8.Date of Issue:	23-01-2021
2.Discipline:	Electro-Technical Calibration	9.Date of SRF:	12-01-2021
3.Date of Calibration:	22-01-2021	10.Next Cal Due:	21-01-2022
4.Calibrated At:	Oniste	11.Calibration SOP no:	RCPL/SOP/ET-05
5.SRF NO:	S1189	12.Condition of DUC on Receipt:	Good

13. ENVIRONMENTAL CONDITION: Temperature; 20 to 40°C / Humidity: ≤70%R.H

14. DUC DETAILS:

Nomenclature :	Centrifuge(Timer)	SI No:	ZFDN-13805
Make & Model :	Remi & R-8C Plus	ID No:	-----
Range :	0 to 99min	Resolution:	1min
Location:	LAB		

15. STANDARD INSTRUMENT USED:

Nomenclature:	Time Totalizer	Serial. No:	105
Make & Model :	BELTRONICS & 501	Cal Due Date:	22-08-2021
Range :	As Per Manual	Traceable to:	Godrej & Boyce Mfg. Co. Ltd.,Chennai.
Certificate No:	C-200818-11-1		

<p>Calibrated By</p>  <p>BEERAPPA CALIBRATION ENGINEER</p>		<p>Authorized Signatory</p>  <p>B SRINIVAS TECHNICAL MANAGER</p>
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Certificate No	RCPL/20-21/ET/S1189-01	ULR No.	CC221521000000404F
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16. CALIBRATION RESULTS:

SI No	Parameter / Range	Standard Reading	computed Value	DUC Reading	computed Value	Error Obtained	Measurement Uncertainty \pm
		hr : min : sec : msec	sec	hr : min : sec	sec	sec	sec
1	Time / 0 to 99min	00:01:00:016	60.016	00:01:00	60.00	-0.016	0.079
2		00:02:00:032	120.032	00:02:00	120.00	-0.032	0.158
3		00:05:00:043	300.043	00:05:00	300.00	-0.043	0.394
4		00:10:00:066	600.066	00:10:00	600.00	-0.066	0.789
5		00:20:00:095	1200.095	00:20:00	1200.00	-0.095	1.578

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



BEERAPPA

CALIBRATION ENGINEER



Authorized Signatory



B SRINIVAS

TECHNICAL MANAGER

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