



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No : CC-22-23-S-677/01

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Customer Name & Address  M/s. VINAYAK DIAGNOSTIC CENTRE  No: 7, Jambulingam Street,  Nungambakkam,  Chennai - 600 034.	ULR No.	CC272522000006130F
	SRF No.	VCI-22-23-S-677
	Date of Receipt	12.08.2022
	Date of Calibration	12.08.2022
	Due Date of Calibration	11.08.2023
	Date of Issue	13.08.2022

## Details of Unit Under Calibration

Description	Centrifuge	Make/Model	Remi/R-8C
Range	100 to 4000 rpm, 0 to 99 Min.	Operating Range	500 to 4000 rpm, 1 to 60 min.
Resolution	10 rpm, 1 Sec	Condition of UUC	Good
Serial Number	ZBLN-34783	Instrument Location	Lab
ID Number	CF-01	Cal. At	On Site

Environmental Condition		Calibration Method Used	
Temperature (°C)	23±5	National / International Standard	SANAS TR 45-02, NIST 960-12
Humidity (%RH)	40-70	Cal Procedure No	VCI-L03-WI-SPE-002, VCI-L03-WI-ET-005

## Standard Used

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Digital Tachometer	VCI-M-TM-011	CC-22-23-L-015/08	Lutron / DT-2234C	National Standards	08.01.2023
2	Digital Timer	VCI-ET-DT-005	CC-22-23-L-015/02	M.TEC /CT7	National Standards	08.01.2023

## Remarks:

- UUC is Defined as the Unit Under Calibration.
- This Calibration Certificate Results relates only to the above UUC & This report shall not be reproduced except in full/ part without approval of the Venus Calibration and Instruments.
- The reported results are valid at the time of under stated condition of measurement.
- Calibration of the UUC are traceable to National / International Standards.
- The recalibration interval shall be decided by the user.
- Nabl-133 guidelines are adopted for use of NABL symbol.
- The Measurement uncertainty is expressed at 95.45% confidence level with coverage factor  $k=2$ .

Checked &amp; Issued by:

M. Manju  
M.Manju  
(Engineer - Calibration)



Authorised by:

C.Dhinakaran  
(Technical / Quality Manager)

No.16, 6th Street, Annai Sathya Nagar, Poothapedu Ramapuram, Chennai - 89.

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Results of Calibration				
Sl. No.	UUC Reading (rpm)	Standard Reading (rpm)	Error (rpm)	Measurement Uncertainty ( $\pm$ ) (%)
01	500	500.2	-0.2	1.23
02	1000	1001	-1	0.62
03	2000	2002	-2	0.43
04	3000	3003	-3	0.29
05	4000	4005	-5	0.38

### Timer:

Sl. No.	UUC Reading		Standard Reading				Error				Measurement Uncertainty $\pm$ (Min.)
	Hr.	Min.	Hr.	Min.	Sec.	1/100 Sec.	Hr.	Min.	Sec.	1/100 Sec.	
01	--	1	00	00	59	93	00	00	00	07	0.58
02	--	10	00	09	59	87	00	00	00	13	0.58
03	--	30	00	29	59	75	00	00	00	25	0.60
04	--	50	00	49	59	64	00	00	00	36	0.60
05	--	60	00	59	59	48	00	00	00	52	0.60

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