



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No: CC-22-23-L-297/15

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Customer Name & Address M/s. Life Care Diagnostics 11, Vaithiyanaatha Iyyer, 1st Street, Madurai - 625 020.	ULR No.	CC272522000004798F
	SRF No.	VCI-22-23-L-297
	Date of Receipt	05.07.2022
	Date of Calibration	06.07.2022
	Due Date for Calibration	05.07.2023
	Date of Issue	07.07.2022

Details of Unit Under Calibration

Description	Digital Tachometer	Make / Model	SIGMER/2234C
Range	1 to 99999 rpm	Type	Non-Contact
Resolution	0.1 rpm/ 1 rpm	Condition of UUC	Good
Serial Number	2011144037	Instrument Location	Molecular Biology Lab
ID Number	LCD/MDU/MOL/EQP/31	Cal. At	At Lab

Environmental Condition		Calibration Method Used	
Temperature (°C)	23±2	National / International Standard	TR 45
Humidity (%RH)	40-70	Cal Procedure No	VCI-L03-WI-SPE-001

Standard Used

Sl. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Digital Tachometer	VCI-M-TM-012 / S016271	2021-22/EQN/2202129-01	Mextech / DT-2236C	National Standards	28.02.2023

Results of Calibration

Sl. No.	UUC Reading (rpm)	Standard Reading (rpm)	Error (rpm)	Measurement Uncertainty (±) (%)
01	100.7	100.6	0.1	3.50
02	1003	1005	-2	0.60
03	10009	10006	3	0.60
04	50003	50009	-6	0.60
05	90009	90016	-7	0.60

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 & Issued by:

K.Sathish

(Deputy Quality Manager)

**Authorised by:**

C.Dhinakaran

(Technical/Quality Manager)

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