



CC-2725



## CERTIFICATE OF CALIBRATION

Certificate No: CC-21-22-S-1310/01

e. No : 1

Customer Name & Address M/s. Hannah Joseph Hospital (Institute of Neurosciences, Orthopaedics & Traumatology)	ULR No.	CC272521000012181F
	SRF No.	VCI-21-22-S-1310
	Date of Receipt	23.12.2021
	Date of Calibration	23.12.2021
	Due Date of Calibration	22.12.2022
	Date of Issue	24.12.2021

### Details of Unit under Calibration

Description	Vortex Mixer	Make	REMI
Range	3500 rpm	Model	C-852
Resolution	NA	Condition of UUC	Good
Serial Number	ZGLN-29325	Instrument Location	--
ID Number	--	Cal.At	On Site

### Environmental Condition

### Calibration Method Used

Temperature (°C)	23±5	National / International Standard	TR 45-01
Humidity (%RH)	40-70	Cal Procedure No	VCI-L03-WI-SPE-001

### Standard Used

Sl. No.	Description	ID No/ SL.No	Certificate Number	Make & Model	Traceability	Validity
1	Digital Tachometer	VCI-M-TM-011 / L176544	CC-21-22-L-017/08	Lutron / DT-2234C	National Standard	12.01.2022

### Results of Calibration

S.No.	Maximum Reading in rpm	Standard Reading in rpm	Measurement Uncertainty ±(%)
01	1	2019	0.75
02	2	2144	0.75
03	3	2501	0.75
04	4	2746	0.75
04	5	3154	0.75

### 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)



Authorized by:

C.Dhinakaran

(Technical/Quality Manager)



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No: CC-21- 22-L-838/01

Page No : 1 of 1

Customer Name & Address  M/s. Hannah Joseph Hospital  (Institute of Neurosciences, Orthopaedics & Traumatology)	ULR No.	CC272521000012182F
	SRF No.	VCI-21-22-L-838
	Date of Receipt	23.12.2021
	Date of Calibration	23.12.2021
	Due Date for Calibration	22.12.2022
	Date of Issue	24.12.2021

**Details of Unit Under Calibration**

Description	Digital Thermometer	Make	--
Range	-30 to 70°C	Model	--
Resolution	0.1°C	Condition of UUC	Good
Serial Number	--	Instrument Location	--
ID Number	DTM-01	Cal. At	Thermal Lab

Environmental Condition		Calibration Method Used	
Temperature (°C)	25±4	National / International Standard	DKD-R-5-1
Humidity (%RH)	35 - 75	Cal Procedure No	VCI-L03-WI-THER-002

**Standard Used**

Sl. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	RTD Sensor with Indicator	VCI-T-RTD-001& VCI-ET-DT-008	2020-21/CFC/2515/2	Aparajit Instruments	National Standards	03.03.2022

**Results of Calibration**

Sl. No.	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Measurement Uncertainty ± (°C)
01	-20.24	-20.0	0.24	0.27
02	0.31	0.0	-0.31	0.27
03	10.46	10.0	-0.46	0.27
04	20.59	20.0	-0.59	0.27
05	30.62	30.0	-0.62	0.27

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- 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  $k=2$ .
- Temperature Chart : ITS-90

Checked &amp; Issued by:

*M. Manju*

M.Manju

(Engineer - Calibration)



Authorised by:

*C. Dhinakaran*

C.Dhinakaran

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