



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No: CC-22-23-L-297/09

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Customer Name & Address M/s. Life Care Diagnostics 11, Vaithyanatha Iyyer, 1st Street, Madurai - 625 020.	ULR No.	CC272522000004793F
	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 Thermometer	Make	--
Range	-50 to 50 °C	Model	--
Resolution	0.1 °C	Condition of UUC	Good
Serial Number	--	Instrument Location	Molecular Biology Lab
ID Number	LCD/MDU/MOL/EQP/33	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. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	RTD Sensor with Indicator	VCI-T-RTD-001& VCI-ET-DT-008	2021-22/CFC/3052/1	Aparajit Instruments	National Standards	22.03.2023

Results of Calibration				
Sl. No.	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Measurement Uncertainty ± (°C)
01	-29.95	-30.1	-0.15	0.27
02	0.36	0.1	-0.26	0.27
03	9.75	10.1	0.35	0.27
04	29.68	30.1	0.42	0.27
05	49.52	50.2	0.68	0.27

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

Checked & Issued by:

M. Manju
M.Manju
(Engineer - Calibration)



Authorised by:

C. Dhinakaran
C.Dhinakaran
(Technical / Quality Manager)