



CC-2725

**CERTIFICATE OF CALIBRATION**

Page No : 1 of 1

Certificate No: CC-22-23-L-447/01

Customer Name & Address M/s. MALAR DIAGNOSTICS NO. 3/129, A Pillayar Koil Street, K.R.R Complex, Kelambakkam - 603 103.	ULR No.	CC272522000007180F
	SRF No.	VCI-22-23-L-447
	Date of Receipt	15.09.2022
	Date of Calibration	15.09.2022
	Due Date for Calibration	14.09.2023
	Date of Issue	16.09.2022

## Details of Unit Under Calibration

Description	Digital Thermometer	Make	--
Range	-20 to 50° C	Model	DC-2
Resolution	0.1°C	Condition of UUC	Good
Serial Number	--	Instrument Location	Lab
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)	30 - 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	-19.88	-20.1	-0.22	0.27
02	0.39	0.1	-0.29	0.27
03	10.52	10.1	-0.42	0.27
04	30.58	30.2	-0.38	0.27
05	50.65	50.2	-0.45	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 &amp; Issued by:

M. Manju  
M.Manju

(Engineer - Calibration)



Authorised by:

K. Sathish  
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(Deputy Quality Manager)

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