



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No : CC-22-23-S-530/05

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<b>Customer Name &amp; Address</b> M/S, Life Care Diagnostics 11, Vaithyanatha Iyyer, 1st Street, Madurai - 625 020.	<b>ULR No.</b>	CC272522000004777F
	<b>SRF No.</b>	VCI-22-23-S-530
	<b>Date of Receipt</b>	05.07.2022
	<b>Date of Calibration</b>	05.07.2022
	<b>Due Date of Calibration</b>	04.07.2023
	<b>Date of Issue</b>	06.07.2022

**Details of Unit Under Calibration**

<b>Description</b>	Deep Freezer	<b>Make</b>	Uttam Scientific Instruments
<b>Range</b>	-80°C	<b>Model</b>	USI 90
<b>Resolution</b>	0.1°C	<b>Condition of UUC</b>	Good
<b>Serial Number</b>	USI/06/555	<b>Instrument Location</b>	Molecular Biology Lab
<b>ID Number</b>	LCD/MDU/MOL/EQP/25	<b>Calibration At</b>	On Site

Environmental Condition		Calibration Method Used	
<b>Temperature (°C)</b>	30±5	<b>National / International Standard</b>	DKD-R-5-7
<b>Humidity (%RH)</b>	35 - 75	<b>Cal Procedure No</b>	VCI-L03-WI-THER-005

**Standard Used**

Sl. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	RTD Sensor with Indicator	VCI-T-RTD-005 & VCI-ET-DMM-001	CC-22-23-L-015/01	Tempsens	National Standards	08.01.2023

**Results of Calibration**

Sl. No.	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Measurement Uncertainty ± (°C)
01	-80.19	-80.0	0.19	0.37

**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:**  
K.Sathish

(Deputy Quality Manager)

**Authorised by:**  
C.Dhinakaran

(Technical / Quality Manager)

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