



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No: CC-22-23-L-447/02

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Customer Name & Address M/s. MALAR DIAGNOSTICS NO. 3/129, A Pillayar Koil Street, K.R.R Complex, Kelambakkam - 603 103.	ULR No.	CC272522000007181F
	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 Thermohygrometer	Make / Model	-/HTC-1
Range	10 to 99%RH, -50°C to 70°C	Operating Range	20 to 90%RH, 10 to 50°C
Resolution	1%RH, 0.1°C	Condition of UUC	Good
Serial Number	-	Instrument Location	-
ID Number	THM-01	Cal. At	Thermal Lab

Environmental Condition		Calibration Method Used	
Temperature (°C)	25±4	Cal Procedure No	VCI-L03-WI-THER-008
Humidity (%RH)	30 - 75		

Standard Used

Sl. No.	Description	ID No/ SL.No	Certificate Number	Make & Model	Traceability	Validity
1	Digital Temperature Humidity Indicator with Sensor	VCI-T-DTHI-065	TSC/22-23/3002-1	Perfect Instrument/TH 1621	National Standard	19.05.2023

Results of Calibration

Humidity:@25°C

Sl. No.	Standard Reading (%RH)	UUC Reading (%RH)	Error (%RH)	Measurement Uncertainty ± (%RH)
01	20.27	20	-0.27	2.24
02	50.93	50	-0.93	2.24
03	91.02	90	-1.02	2.24

Temperature: @ 50% RH

Sl. No.	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Measurement Uncertainty ± (°C)
01	10.12	10.0	-0.12	0.37
02	25.18	25.1	-0.08	0.37
03	50.26	50.2	-0.06	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.

Checked & Issued by:

M. Manju
M.Manju

(Engineer - Calibration)



Authorised by:

K.Sathish

(Deputy Quality Manager)

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