



CC-2725

**CERTIFICATE OF CALIBRATION**

Certificate No: CC-2223-L-244/04

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Customer Name & Address M/s. NAALVAR DIAGNOSTICS New No.22, Old No.23, Neelakidangu St, Karaikal - 609 602.	ULR No.	CC2725220000004647F
	SRF No.	VCI-2223-L-244
	Date of Receipt	28.03.2022
	Date of Calibration	28.03.2022
	Due Date for Calibration	27.03.2023
	Date of Issue	29.03.2022

**Details of Unit Under Calibration**

Description	Thermohygrometer	Make / Model	HTC-1
Range	10 to 90%RH, -10 to 50°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	ND/QSP/10	Cal. At	Thermal Lab

Environmental Condition		Calibration Method Used	
Temperature (°C)	25±4	Cal Procedure No	VCI-L03-WI-THER-008
Humidity (%RH)	35 - 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-038	JRPM-CCTR-THER-2021-0610	Tempsen / TDPC-9696	National Standard	06.06.2022

**Results of Calibration****Humidity:@25°C**

Sl. No.	Standard Reading (%RH)	UUC Reading (%RH)	Error (%RH)	Measurement Uncertainty ± (%RH)
01	20.76	20	-0.76	2.24
02	50.93	50	-0.93	2.24
03	91.39	90	-1.39	2.24

**Temperature: @ 50% RH**

Sl. No.	Standard Reading (°C)	UUC Reading (°C)	Error (°C)	Measurement Uncertainty ± (°C)
01	9.91	10.1	0.19	0.37
02	24.86	25.1	0.24	0.37
03	49.83	50.2	0.37	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 &amp; Issued by:

M. Manju  
M.Manju  
(Engineer - Calibration)



Authorised by:

C.Dhinakaran  
(Technical / Quality Manager)

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