

CERTIFICATE OF CALIBRATION				Page 1 of 1
FT-Q-25				
ULR No.	: CC21442200002346F	Date of Issue	: 23-05-2022	
Certificate No.	: TVCSPL 22/05/794-01	Recom. Due Date	: 794	
Date of Calibration	: 21-05-2022	SRF No.	: Lab	
Customer Details	: M/s. Sevena Hitech Lab, Parappur, Thrissur.	Calibrated at	: 20-05-2022	
		Date of Receipt	: Satisfactory	
		Cond. On Receipt	: Satisfactory	
<b>Details of Test Instrument:</b>				
Description	: Digital Thermometer	Model No.	: --	
Range	: -30 to 200°C	Serial No.	: --	
Least Count	: 0.1°C	Identification No.	: SHL/DTM/01	
Make	: --	Accuracy	: As Per Manual	
Working range	: --	Location	: Laboratory	
<b>Details of Standard Used</b>				
Name	: Temp. & Humidity Indicator With Sensor	Certificate No.	: TSC/21-22/17498-1	Valid upto
				: 04-Mar-23
				Traceability
				: Transcal, Bangalore
Work Instruction	: WI-T-04			
Environmental Details	: Temperature: 25±3 °C	Relative Humidity:	45-75 % RH	

### THERMAL CALIBRATION

(Temperature)

#### Calibration Results

Temperature @50%RH						
Sr.No.	Set Reading	Test Reading (UUC)	Standard Reading	Deviation	Expanded Uncertainty (±)	Coverage Factor
	°C	°C	°C	°C	°C	K
1	5.0	5.2	4.91	0.29	0.7	2
2	25.0	25.3	24.85	0.45		
3	50.0	50.2	49.72	0.48		

**Remarks:-**

1. The above UUC was calibrated at Lab
2. UUC is defined as Unit Under Calibration.
3. Reading given was the average of 3 Measurements.
4. The measurement confidence level is 95.45%
5. The Calibration Certificate shall not be reproduced except in full without written approval of TVCSPL.
6. The above Expanded Uncertainty includes Repeatability, Resolution & Uncertainty of Measurement.
7. The above results relate only to the item calibrated.
8. Temperature Scale : ITS-90

\* End of Certificate \*

Calibrated by:

*Anthe Premi*  
Mrs.R.Anusha Premi  
(Calibration Engineer)

Authorised by:

*Anand Manoharan*  
Mr.Anand Manoharan  
(QM & TM)



*...redefining the true value*

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