



CERTIFICATE OF CALIBRATION

FT-Q-25		Page 1 of 1	
ULR No. :	CC214424000001708F	Date of Issue :	14-03-2024
Certificate No. :	TVCSP 24/02/0353-05	Recom. Due Date :	12-03-2025
Date of Calibration :	13-03-2024	Customer Details :	M/s. Sparsha Diagnostics, Upper Bendoor, Mangalore.
Customer Details :		SRF No. :	0353
		Calibrated at :	On-Site
		Date of Receipt :	13-03-2024
		Cond. On Receipt :	Satisfactory
Details of Test Instrument:			
Description :	Temperature Indicator(Deep Freezer)	Model No. :	--
Range :	-20°C to -30°C	Serial No. :	G83179087194001033
Least Count :	0.1°C	Identification No. :	SD/CL/DF/03
Make :	Blue star	Accuracy :	As Per Manual
Working range :	-20°C	Location :	Central Laboratory
Details of Standard Used :			
Name	Certificate No.	Valid upto	Calibrated at
RTD Sensor with Digital Thermometer	CC-2023-L-0227/002	08-09-2024	CC-3050
Work Instruction :	WI-T-02		
Environmental Details :	Temperature: 25±4 °C	Relative Humidity:	45-75 % RH

THERMAL CALIBRATION

(Temperature)

Calibration Results

Test Reading	Standard Reading	Deviation	Expanded Uncertainty	Coverage Factor
	Mean		(±)	
°C	°C	°C	°C	K
-20.0	-20.2	0.2	0.8	2

Remarks:-

1. The above UUC was calibrated at On-Site
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
9. Masters are Traceable to SI Units. \*

Calibrated by :  
*M. Arun Kumar*  
M.Arun Kumar  
(Calibration Engineer)

\* End of Certificate \*



Authorised by:  
*D.V. Selvi*  
D.Vetri Selvi  
(QM & TM)

...redefining the true value

