



CC-2144

CERTIFICATE OF CALIBRATION

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ULR No. :	CC214424000001705F	Date of Issue :	14-03-2024
Certificate No. :	TVCSP 24/02/0353-02	Recom. Due Date :	12-03-2025
Date of Calibration :	13-03-2024	SRF No. :	0353
Customer Details :	M/s. Sparsha Diagnostics, Upper Bendoor, Mangalore.	Calibrated at :	On-Site
		Date of Receipt :	13-03-2024
		Cond. On Receipt :	Satisfactory
Details of Test Instrument:			
Description :	Temperature Indicator(Refrigerator)	Model No. :	GL-254VH3
Range :	2 to 8°C, -20 to -10°C	Serial No. :	312NRUJ008790
Least Count :	0.1°C	Identification No. :	SD/CL/REF/01
Make :	LG	Accuracy :	As Per Manual
Working range :	--	Location :	Central Laboratory
Details of Standard Used :			
Name	Certificate No.	Valid upto	Traceability
TD Sensor with Digital Thermomet	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)

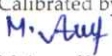
Calibration Results

Test Reading	Standard Reading Mean	Deviation	Expanded Uncertainty (±)	Coverage Factor
°C	°C	°C	°C	K
Freezer				
-10.0	-9.9	-0.1	0.8	2
-20.0	-19.7	-0.3	0.8	2

Body				
2.0	2.2	-0.2	0.8	2
4.0	4.3	-0.3	0.8	2
6.0	6.5	-0.5	0.8	2
8.0	8.7	-0.7	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
8. Temperature Scale : ITS-90
9. Masters are Traceable to SI Units.

Calibrated by :

 M.Arun Kumar
 (Calibration Engineer)



Authorised by:

 D.Vetri Selvi
 (QM & TM)

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