



CERTIFICATE OF CALIBRATION

FT-Q-25		Page 1 of 1	
ULR No. :	CC214424000001743F	Date of Issue :	17-03-2024
Certificate No. :	TVCSP 24/03/0362-02	Recom. Due Date :	14-03-2025
Date of Calibration :	15-03-2024	SRF No. :	0362
Customer Details :	M/s. Sparsha Diagnostics, Mangalore - 575 002.	Calibrated at :	Lab
		Date of Receipt :	15-03-2024
		Cond. On Receipt :	Satisfactory
Details of Test Instrument:			
Description :	Temperature Indicator(Digital Thermometer)	Model No. :	ST-1A
Range :	-50°C to 70°C	Serial No. :	--
Least Count :	0.1°C	Identification No. :	SD/CM/THE/01
Make :	Symbol	Accuracy :	As Per Manual
Working range :	--	Location :	Central Lab
Details of Standard Used :			
Name	Certificate No.	Valid upto	Calibrated at
RTD Sensor with Digital	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
-30.0	-29.8	-0.2	0.8	2
-20.0	-19.6	-0.4	0.8	2
-10.0	-9.5	-0.5	0.8	2
20.0	20.4	-0.4	0.8	2
30.0	30.3	-0.3	0.8	2
40.0	40.3	-0.3	0.8	2
50.0	50.2	-0.2	0.8	2
60.0	60.1	-0.1	0.8	2

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
9. Masters are Traceable to SI Units.

Calibrated by :
M. Jeevitha
M.Jeevitha
(Calibration Engineer)

End of Certificate



...redefining the true value

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

92, S.R.B Nagar Main Road,
Chennai - 600 099.
Tamil Nadu, India.

Ph: 97102 22422 / 522 / 622
Cell: 94440 38060
Email : calibrationservices@live.com
www.truevaluecalibration.com
CIN No :U29268TN2015PTC103428



Quality is Assured

CERTIFICATE OF CALIBRATION

FT-Q-25		Page 1 of 1	
ULR No. :	CC214424000001744F	Date of Issue :	17-03-2024
Certificate No. :	TVCSP 24/03/0362-03	Recom. Due Date :	14-03-2025
Date of Calibration :	15-03-2024	Customer Details :	M/s. Sparsha Diagnostics, Mangalore - 575 002.
Customer Details :		SRF No. :	0362
		Calibrated at :	Lab
		Date of Receipt :	15-03-2024
		Cond. On Receipt :	Satisfactory
Details of Test Instrument:			
Description :	Temperature Indicator(Digital Thermometer)	Model No. :	ST-1A
Range :	-50°C to 70°C	Serial No. :	--
Least Count :	0.1°C	Identification No. :	SD/CM/THE/02
Make :	Symbol	Accuracy :	As Per Manual
Working range :	--	Location :	Central Laboratory
Details of Standard Used :			
Name	Certificate No.	Valid upto	Calibrated at
RTD Sensor with Digital	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
-30.0	-30.1	0.1	0.8	2
-20.0	-20.2	0.2	0.8	2
-10.0	-10.4	0.4	0.8	2
20.0	19.7	0.3	0.8	2
30.0	29.6	0.4	0.8	2
40.0	39.4	0.6	0.8	2
50.0	49.3	0.7	0.8	2
60.0	59.1	0.9	0.8	2

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
9. Masters are Traceable to SI Units.

Calibrated by :
M. Jeevitha
M. Jeevitha
(Calibration Engineer)



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

...redefining the true value

Ph: 97102 22422 / 522 / 622
Cell: 94440 38060
Email : calibrationservices@live.com
www.truevaluecalibration.com
CIN No : U29268TN2015PTC103428



Quality is Assured