



# ADARSHA CALIBRATION SERVICES

## NABL ACCREDITED CALIBRATION LABORATORY

Plot No.18,19, Survey No-118, Byraveshwara Nagar, Manganahalli Cross, Ullal Main Road,  
Ullal (P), Bangalore-560056, Ph: +91-80-2324 0578, Mob: +91-9945086171/172/173  
E: acscalib@gmail.com / enquiry@adarshacalibrations.com W: www.adarshacalibrations.com



### CERTIFICATE OF CALIBRATION

Certificate Number: ACS/JAN/21/I-39-02 Page 1 of 1  
ULR Number: ULR-CC-272221000000410F

Customer Name & Address: M/s. Sparsha Diagnostics  
Mangalore.

Date Of SRF: 16-01-2021

Date of Calibration: 16-01-2021 Calibrated At: Thermal Lab

Next Cal Due: 15-01-2022 Calibration WI No: WI/TH/03

Environmental Conditions: Date of Issue: 18-01-2021

Temperature: 25.16°C Humidity: 55.3% R.H

#### DETAILS OF DEVICE UNDER CALIBRATION

Nomenclature : Digital Thermometer Serial. No: NA

Make & Model : NA & NA Code/ID No : SD/CL/TD/02

Range : -20 to 70°C Resolution: 0.1°C

Location: NA

#### DETAILS OF STANDARD INSTRUMENT USED

Nomenclature: SSPRT WITH 6 1/2 DIGIT DMM Reference Standard: DKD-R-5-1

Make / Model : TEMPESENS & SSPRT Serial.No/Id.No: 001063

Range : -196 to 600 °C Cal Due Date: 19-07-2021

Nomenclature: -80 Low Temperature Bath Certificate No: TL/020/525.1.1

Make / Model : Indecon / INDEE-LTB Serial.No/Id.No: LTB/014/2014

Used As: Source

#### CALIBRATION RESULTS:

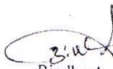
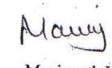
Parameter: Temperature

Sl No	Source Set Point in °C	Standard Reading in Ohms	Computed Standard Reading in °C	DUC Reading in °C	Error Obtained ± in °C	Expanded Measurement Uncertainty ± in °C
1	-20	92.398	-20.161	-20.5	-0.339	0.39
2	0	100.318	0.092	0.2	0.108	0.39
3	10	104.316	10.122	10.3	0.178	0.39
4	30	112.153	30.264	30.5	0.236	0.39
5	50	119.862	50.202	50.6	0.398	0.39

#### REMARKS & CONCLUSION:

- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor  $k = 2.00$ .
- Next calibration due date mentioned as per customer requirement
- Calibration Instrument Received Through "M/s.Medical Engineering & Services"

Calibrated By Authorised Signatory

  
Bindhu A   
Manjunath I

Calibration Engineer Technical Manager





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CC-2722

## CERTIFICATE OF CALIBRATION

Page 1 of 1

Certificate Number: ACS/JAN/21/I-39-01 ULR Number: ULR-CC-272221000000409F

Customer Name: M/s. Sparsha Diagnostics  
& Address: Mangalore.

Date Of SRF: 16-01-2021 Calibrated At: Thermal Lab  
Date of Calibration: 16-01-2021 Calibration WI No: WI/TH/03  
Next Cal Due: 15-01-2022 Date of Issue: 18-01-2021

Environmental Conditions: Temperature: 25.15°C Humidity: 55.1% R.H

### DETAILS OF DEVICE UNDER CALIBRATION

Nomenclature: Digital Thermometer Serial. No: NA  
Make & Model: NA & NA Code/ID No: SD/CL/TD/01  
Range: -20 to 70°C Resolution: 0.1°C  
Location: NA

### DETAILS OF STANDARD INSTRUMENT USED

Nomenclature: SSPRT WITH 6 1/2 DIGIT DMM Reference Standard: DKD-R-5-1  
Make / Model: TEMPESENS & SSPRT Serial.No/Id.No: 001063  
Range: -196 to 600 °C Cal Due Date: 19-07-2021  
Nomenclature: -80 Low Temperature Bath Certificate No: TL/020/525.1.1  
Make / Model: Indecon / INDEE-LTB Serial.No/Id.No: LTB/014/2014  
Used As: Source

### CALIBRATION RESULTS:

Parameter: Temperature

Sl No	Source Set Point in °C	Standard Reading in Ohms	Computed Standard Reading in °C	DUC Reading in °C	Error Obtained ± in °C	Expanded Measurement Uncertainty ± in °C
1	-20	92.382	-20.202	-19.9	0.302	0.39
2	0	100.305	0.059	0.0	-0.059	0.39
3	10	104.324	10.143	10.0	-0.143	0.39
4	30	112.091	30.105	29.9	-0.205	0.39
5	50	119.849	50.168	49.8	-0.368	0.39

### REMARKS & CONCLUSION:

- The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor  $k = 2.00$ .
- Next calibration due date mentioned as per customer requirement
- Calibration Instrument Received Through "M/s.Medical Engineering & Services"

Calibrated By

Bindhu A

Calibration Engineer



Authorised Signatory

Manjunath I

Technical Manager





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## NABL ACCREDITED CALIBRATION LABORATORY


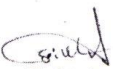

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CC-2722

### CERTIFICATE OF CALIBRATION

Page 1 of 1

Certificate Number:	ACS/JAN/21/I-39-03	ULR Number:	ULR-CC-272221000000411F			
Customer Name & Address:	M/s. Sparsha Diagnostics Mangalore.					
Date Of SRF:	16-01-2021	Calibrated At:	Thermal Lab			
Date of Calibration:	16-01-2021	Calibration WI No:	WI/TH/03			
Next Cal Due:	15-01-2022	Date of Issue:	18-01-2021			
Environmental Conditions:	Temperature: 25.14°C	Humidity:	55.3% R.H			
DETAILS OF DEVICE UNDER CALIBRATION						
Nomenclature :	Digital Thermometer	Serial. No:	NA			
Make & Model :	NA & NA	Code/ID No :	SD/CL/TD/03			
Range :	-20 to 70°C	Resolution:	0.1°C			
Location:	NA					
DETAILS OF STANDARD INSTRUMENT USED						
Nomenclature:	SSPRT WITH 6 1/2 DIGIT DMM	Reference Standard:	DKD-R-5-1			
Make / Model :	TEMPSENS & SSPRT	Serial.No/Id.No:	001063			
Range :	-196 to 600 °C	Cal Due Date:	19-07-2021			
Nomenclature:	-80 Low Temperature Bath	Certificate No:	TL/020/525.1.1			
Make / Model :	Indeecon / INDEE-LTB	Serial.No/Id.No:	LTB/014/2014			
		Used As:	Source			
CALIBRATION RESULTS:						
Parameter: Temperature						
Sl No	Source Set Point in °C	Standard Reading in Ohms	Computed Standard Reading in °C	DUC Reading in °C	Error Obtained ± in °C	Expanded Measurement Uncertainty ± in °C
1	-20	92.412	-20.125	-19.8	0.325	0.39
2	0	100.298	0.041	0.1	0.059	0.39
3	10	104.306	10.097	9.9	-0.197	0.39
4	30	112.056	30.015	29.8	-0.215	0.39
5	50	119.845	50.158	49.8	-0.358	0.39
REMARKS & CONCLUSION:						
<p>a. The Measurement Uncertainty is estimated at a confidence level of 95.45 % with a coverage factor <math>k = 2.00</math>.</p> <p>b. Next calibration due date mentioned as per customer requirement</p> <p>c. Calibration Instrument Received Through "M/s.Medical Engineering &amp; Services"</p>						
Calibrated By			Authorised Signatory			
 Bindhu A Calibration Engineer			 Manjunath I Technical Manager			