



# Standard Calibration

A Level of Quality Measurement



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## CALIBRATION CERTIFICATE

SRF No : 415	Report No : SC/415-01/21	Cal on : 6-Sep-21	Page No 1 of 1
ULR No : CC3013/21/0/0004687/F		Due on : 5-Sep-22	Date of Issue 6-Sep-2021

### Customer Details

Customer Name: **Surya Diagnostic Centre;**  
Address: No: 921, Velachery Centre Main road,  
Camp Road Junction, Selaiyur, Chennai - 600 073

### Instrument Details : DUC

Instrument Name	Thermometer With Sensor	Identification No	ST - 1a
Make	Veve	Range	As Per Manual
Model No	---	Resolution	As Per Manual
Serial No	---	Location	---
Received On	6-Sep-2021	Received in	Good Condition
Temperature	30 °C ± 5 °C	Humidity	30% to 70%
Cal - Procedure	SC-CP-T-02	Cal - Location	Laboratory
		Reference	---

### Standards / Masters Used for Calibration and Traceability Details

Instrument Name	Make	Serial No.	Traceable to	Due On
RTD Sensor	---	SC/T/RTD-02	Mechatron	12-Mar-22
Thermocouple R-Type	---	SC/T/TR-01	Transcal	13-Mar-22
Digital Multimeter	Agilent	MY57219360	Transcal	9-Oct-21

### MEASUREMENT RESULTS :

TEMPERATURE SETTING (°C)	STD READING (°C)	DUC READING (°C)	DEVIATION (°C)	MEASUREMENT UNCERTAINTY (+/-)
-20.0	-19.74	-19.8	-0.06	0.48
-10.0	-9.62	-9.8	-0.18	0.48
0.0	0.23	0.1	-0.13	0.48
10.0	10.45	10.1	-0.35	0.48
30.0	30.58	30.2	-0.38	0.48
50.0	50.71	50.2	-0.51	0.48

### Special Remarks

- The measurement Uncertainty reported is at approx 95% confidence level with coverage factor k=2.
- Units of measurement results & measurement uncertainty are same as that of range selected unless otherwise indicated
- All Standards / Masters used for Calibration are traceable to National Standards
- This Calibration Certificate Issued refers only to the above item calibrated
- The Measurement Results are valid at the time of and under the stated conditions of measurement
- This Calibration Report should be reproduced fully and in no case this should be partially reproduced without an approved abstract is obtained in writing from the Director, **Standard calibration** Chennai.
- With respect to the above specified requirements, the instrument is within the limits.

*B. Suntharamoorthi*

Name & Designation

B. Suntharamoorthi - Calibration Engineer



*S. Syed Mushtaq*

Name & Designation

S. Syed Mushtaq - Quality Manager

Standard Calibration gives quality to improve your performance



BALBA

on/off

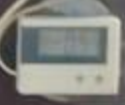
°C/°F



PROTRON

Whirlpool

go green  
★★★★★



PRECISION

Whirlpool

go green



EnergyGuide label with a graphic of green leaves and a star rating.

