



TMSCC

TESTING MACHINE SERVICE AND CALIBRATION CENTRE
Precision is Our Destination.....



An ISO 9001 : 2015 Certified company
Calibration of Various Instruments & Testing Machines...

CC - 3125

Form No.: TMSCC/R/23

CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE NO.: 2024/06/895 Page 1 of 1

ISSUE DATE : 18-Jun-2024

ULR No.: CC312524000012401P

1.0 ISSUED TO : M/s.: Doctor Ghosh Super Speciality Clinic And Diagnostic Centre
1st Floor, 2/5/16, Arabinda Arena, Block B,
Khardaha, Kolkata - 700118.



1.1 Service Request Form No.: SRF/2024/06/17/02

1.2 Service Request Date : 17-Jun-2024

1.3 Location : At Lab

1.4 Description identification of item to be calibrated :

i	Name :	Digital Thermometer	ii	Make :	Multi
iii	Model / Type No.:	ST-9283B	iv	S/L No.:	--
v	I.D.No.:	DGLAB/DTM/01	vi	Job Code No.:	2024/06/895
vii	Range :	(-50 to 300)°C	viii	Resolution :	0.1 °C
ix	Accuracy :	As Per EURAMET CG-8	x	End User :	--

1.5 Full / Partial Calibration : Partial Calibration

1.6 Applicable specification of item to be calibrated: Accuracy / permissible limit : Not Specified.

1.7 Date of receipt of item : 17-Jun-2024 1.8 Date of calibration : 17-Jun-2024

1.9 Calibration due on : 16-Jun-2025 2.0 Frequency of calibration once in : 12 Months

2.1 Environmental condition during calibration : Temperature : 25.5 °C
Humidity : 56 % RH

2.2 Basis of calibration : SOP/10/02

2.3 Traceability : Standards used for calibration are traceable to National Standards through NABL accredited Laboratory.

Name of Instrument	Sl. No. / Id no.	Certificate No.	Lab Certificate No.	Calibrated On	Due On
Digital Temperature Indicator with Sensor(RTD)	Indicator Sl. No. - 18K588073 (Sensor ID No.- TMSCC/RTD/01)	TSC/23-24/13010-4	CC-2231	09-11-2023	08-11-2024

CALIBRATION RESULTS

SL No.	Ref. Bath set in °C	Reading at DUC in °C	Observed Reading at Ref. Std. in °C (Avg. of five readings)	Error in °C	Uncertainty in ± °C	Acceptance Criteria
1	-39.0	-39.0	-39.056	-0.076	0.18	Pass
2	2.0	2.0	2.003	0.004	0.18	Pass
3	30.0	30.0	30.043	0.058	0.29	Pass
4	100.0	99.9	100.143	0.204	0.29	Pass
5	250.0	249.8	250.357	0.535	0.29	Pass
6	300.0	299.7	300.428	0.702	2.50	Pass

Maximum Permissible Error : ± 0.3% of rdg

Measurement Uncertainty at 95% Confidence Level where Coverage Factor k = 2

REMARKS : The DUC has been calibrated over its range. The readings observed are tabulated above. The reference standard is traceable to National standard.

DUC: Device Under Calibration.

Physical Status of the DUC : OK

Calibrated By :

R. Ghosh
(Calibration Engineer)

Checked By :

G. Ghosh
(Technical Director)

Approved By :

P. K. Modak
(Sr. Calibration Engineer)

END OF CERTIFICATE

