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TMSCC

TESTING MACHINE SERVICE AND CALIBRATION CENTRE
Precision is Our Destination

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



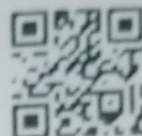
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Form No. TMSCC/B/3

CALIBRATION CERTIFICATE

Page 1 of 1

1.0 CALIBRATION CERTIFICATE NO	2024/06/1150
ISSUE DATE	23-Jun-2024
1.1 I.R. No.	CC-3125/4000012613P
1.2 ISSUED TO	Mx. Clinica Diagnostics (A Unit of Clinica Life Care Private Limited) Krishnanagar Road (NH-34), Soanpara, Barasat, Kolkata - 700124.
1.3 Service Request Form No	SRT/2024/06/24/02
1.4 Service Request Date	24-Jun-2024
1.5 Location	AI Lab



1.6 Description identification of item to be calibrated			
i Name	Digital Thermometer	ii Make	-
iii Model / Type No	-	iv S/N No	-
v I.D.No	CD/DTM/01	vi Job Code No	2024/06/1150
vii Range	(-50 to 100)°C	viii Resolution	0.1 °C
ix Accuracy	As Per DKD R5 - 1	x End User	-

1.7 Full / Partial Calibration	Partial Calibration
1.8 Applicable specification of item to be calibrated: Accuracy / permissible limit	Not Specified

1.9 Date of receipt of item	24-Jun-2024	1.8 Date of calibration	24-Jun-2024
1.9 Calibration due on	23-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	-35.0	-35.0	-34.981	0.019	0.18	Pass
2	-10.0	-10.0	-9.994	0.006	0.18	Pass
3	15.0	15.0	14.992	-0.008	0.18	Pass
4	50.0	50.0	49.972	-0.028	0.31	Pass
5	100.0	100.0	99.945	-0.055	0.31	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 :

 C. Ghosh
 (Technical Director)

Approved By :

 F. K. Modak
 (Sr. Calibration Engineer)

END OF CERTIFICATE