



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.:		2024/07/1731		Page 1 of 1		
ISSUE DATE :		24-Jul-2024				
ULR No.:		CC312524000014763F				
1.0 ISSUED TO :		M/s.: Mediscience Diagnostic Centre 11/5/A, Bidhan Park, Kolkata- 700124.				
1.1 Service Request Form No.:		SRF/2024/07/22/01				
1.2 Service Request Date :		22-Jul-2024				
1.3 Location :		At Lab				
1.4 Description identification of item to be calibrated :						
i Name :		Digital Thermometer		ii Make :		--
iii Model / Type No.:		--		iv S/L No.:		--
v I.D.No.:		MDC/DTM/02		vi Job Code No.:		2024/07/1731
vii Range :		(0 to 99)°C		viii Resolution :		0.1 °C
ix Accuracy :		As Per DKD R5 - 1		x End User :		--
1.5 Full / Partial Calibration :		Full Calibration				
1.6 Applicable specification of item to be calibrated: Accuracy / permissible limit :				Not Specified.		
1.7 Date of receipt of item :		22-Jul-2024		1.8 Date of calibration :		22-Jul-2024
1.9 Calibration due on :		21-Jul-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		SI. No. / Id no.	Certificate No.	Lab Certificate No.	Calibrated On	Due On
Digital Temperature Indicator with Sensor(RTD)		(Indicator SI. 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	10.0	10.0	10.019	0.019	0.18	Pass
2	30.0	30.0	30.058	0.058	0.31	Pass
3	50.0	50.0	50.097	0.096	0.31	Pass
4	70.0	70.0	70.135	0.135	0.31	Pass
5	95.0	95.0	95.183	0.183	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 :

P. K. Modak
(Sr. Calibration Engineer)



END OF CERTIFICATE