



# 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.:		2023/07/270		Page 1 of 1								
ISSUE DATE :		13-Jul-2023										
ULR No.:		CC312523000009536F										
1.0 ISSUED TO :		M/s.: South Calcutta Diagnostic Center 570,Tentulberia Road, P.O.: Garla, P.S.: Sonarpur, Kolkata - 700084										
1.1 Service Request Form No.:		SRF/2023/07/03/03										
1.2 Service Request Date :		03-07-2023										
1.3 Location :		At Site										
1.4 Description identification of item to be calibrated :												
i Name :		Incubator		ii Make :		-						
iii Model / Type No.:		-		iv S/L No.:		-						
v LD.No.:		SCDC/INC/01		vi Job Code No.:		2023/07/270						
vii Range :		(0 to 110)°C		viii Resolution :		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 :		3-Jul-2023		1.8 Date of calibration :		3-Jul-2023						
1.9 Calibration due on :		2-Jul-2024		2.0 Frequency of calibration once in :		12 months						
2.1 Environmental condition during calibration :		Temperature : 25.2°C		Humidity : 51% RH								
2.2 Basis of calibration :		SOP/1/06										
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)		Sl. No.- 18K588073 (Sensor Sl No - 19102403)		TSC/22-23/12095-36		CC-2231		17/11/2022		17-11-2023		
<b>CALIBRATION RESULTS</b>												
Sl. No.		Denomination set in °C		Observed Reading at Ref. Std. in °C (Avg. of five readings)			Error in °C		Uncertainty in ± °C		Acceptance Criteria	
1		37		36.956			-0.044		0.61		Pass	
2		56		55.933			-0.067		0.61		Pass	
3		105		104.875			-0.125		0.61		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