



TMSCC

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

An NABL Accredited Calibration Laboratory
A Constituent Board of Quality Council of India

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



CC - 3125

Form No.: TMSCC/R/23

CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE NO.:		2023/06/94		Page 1 of 1	
ISSUE DATE :		5-Jun-2023			
ULR No.:		CC312523000007011F			
1.0 ISSUED TO :		M/s.: Suraha Specialty Laboratory 167, Beharapara, H.C. Sarani, Sonarpur, 24.Parganas(S), Kolkata - 700150			
1.1 Service Request Form No. :		SRF/2023/06/02/02			
1.2 Service Request Date :		02-06-2023			
1.3 Location :		At Site			
1.4 Description identification of item to be calibrated :					
i Name :		Bacteriological Incubator		ii Make :	
iii Model / Type No.:		--		iv S/L. No.:	
v I.D.No.:		SSL/INC/01		vi Job Code No.:	
vii Range :		(0 - 100)°C		viii Resolution :	
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 :		2-Jun-2023		1.7 Date of calibration :	
1.9 Calibration due on :		1-Jun-2024		1.9 Frequency of calibration once in :	
2.1 Environmental condition during calibration :		Temperature : 25.5°C		12 Months	
		Humidity : 55% 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
Digital Temperature Indicator with Sensor(RTD)		Sl. No.- 18K588073 (Sl. No.- 19102403)	TSC/22-23/12095-36	CC-2231	17-11-2022
					17-11-2023
CALIBRATION RESULTS					
Sl. No.	DUC set in °C	Observed Reading at Ref. Std. in °C (Avg. of five readings)	Error in °C	Uncertainty in ± °C	Acceptance Criteria
1	10	9.980	-0.020	0.61	Pass
2	37	36.925	-0.075	0.61	Pass
3	70	69.857	-0.143	0.61	Pass
4	100	99.796	-0.204	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 :

C. Ghosh
(Technical Director)

Approved By :

P. K. Modak
(Sr. Calibration Engineer)

END OF CERTIFICATE