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. :	2024/06/888	
ISSUE DATE :	18-Jun-2024	
ULR No.:	CC312524000012394F	
1.0 ISSUED TO :	M/s.: Doctor Ghosh Super Speciality Clinic And Diagnostic Centre 1st Floor, 2/3/16, 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 Site	

1.4 Description identification of item to be calibrated :

i	Name :	Refrigerator	ii	Make :	Samsung
iii	Model / Type No.:	RR19A241BGS/NL/2022	iv	S/L. No.:	--
v	I.D.No.:	DGLAB/REF/01	vi	Job Code No.:	2024/06/888
vii	Range :	Mentioned in the results	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 :	17-Jun-2024	1.7	Date of calibration :	17-Jun-2024
1.9	Calibration due on :	16-Jun-2025	1.9	Frequency of calibration once in :	12 Months
2.1	Environmental condition during calibration :	Temperature : 25.5°C			
		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	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.	DUC set in °C	Observed Reading at Ref. Std. in °C	Mean reading in °C	Error in °C	Uncertainty in ± °C	Acceptance Criteria
Normal Zone : 7 °C						
1	7	7.010	7.014	0.014	0.69	Pass
2		7.014				Pass
3		7.018				Pass
4		7.012				Pass
4		7.014				Pass
Deep Zone : (-)13 °C						
1	-13	-13.028	-13.029	-0.029	0.69	Pass
2		-13.033				Pass
3		-13.027				Pass
4		-13.029				Pass
5		-13.030				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 :	Checked By :	Approved By :
S. Ghosh	C. Ghosh	P. K. Modak
(Calibration Engineer)	(Technical Director)	(Sr. Calibration Engineer)

END OF CERTIFICATE