



TESTING MACHINE SERVICE CENTRE

ACCREDITED BY NABL

BALTIKURI SHIBTALA INDUSTRIAL ESTATE, HOWRAH - 711113, WB, INDIA

Website - www.testingmachine.org

FORM No. : TMSC/MSD/FM-08



CALIBRATION CERTIFICATE

DESCRIPTION OF INSTRUMENTS		Certificate No:	TMSC/24/T-00817		
NAME :	Digital Thermometer	ULR No:	CC249824000009826F		
RANGE:	(-)50 to 300 °C	Certificate issue Date:	17-06-2024		
LEAST COUNT:	0.1 °C	Date of Calibration:	14-06-2024		
MAKE:	Multi	Suggested Calibration Due On:	13-06-2025		
MODEL NO/TYPE	ST-9283B / ----	Job Code No.:	TMSC/JUN/14/05		
SERIAL NO:	----	Customer's Details			
LD NO:	WSDH/DT-02				
VISUAL INSPECTION:	OK				
ACCURACY:	N/A				
CALIBRATED AT:	TMSC Lab				
DISCIPLINE/GROUP	Thermal - Temperature	Govt. of West Bengal Department of Health & Family Welfare Office of the superintendent Walsh Sub-Divisional Hospital Add : 22A, TC, Goswami Street, Serampore, Hooghly - 712 201.			
Environmental Conditions	Temperature	25°C ±4°C	Calibration Reference	Comparison Method	
	Relative Humidity	30% to 75%	Calibration Procedure	TMSC/MSD/WI-57	
STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY. MASTER (S) USED FOR CALIBRATION:-					
Instrument Name	Serial No.	Certificate No.	Valid Upto	Calibrated By	
PT1000K1, SIMPLEX, 4 WIRE RTD WITH CALSYS C-4004	22000136, CALS-T0030	TL/024/409.1.1	15-04-2025	CC-2840	
CALIBRATION RESULTS					
Set Value in °C	Avg. Observed Value STD in (Ω)	Corresponding Value in °C	Avg. Observed Value DUC in °C	Error in °C	Expanded Uncertainty at 95% confidence level with k=2, (± °C)
50.0	119.244	49.94	49.69	-0.25	0.65
100.0	138.257	99.82	99.38	-0.44	
150.0	157.013	149.70	148.96	-0.74	
200.0	175.301	199.36	198.28	-1.08	

REMARKS : The DUC* (DEVICE UNDER CALIBRATION) has been calibrated for its range.

Note : 1) This certificate refers only to the particular item (s) submitted for calibration.

2) This certificate refers to the values obtained at the time of calibration.

3) This certificate shall not be reproduced, except in full, unless written permission has been obtained from CEO/TMSC.

4) 5 Nos. measurements were made for each reading.

**** END OF CERTIFICATE****

Calibrated By
(Calibration Engineer)
PRIYUS ADHIKARY



Approved By
(Technical Manager)
BHASKAR CHATTERJEE

Contact No : 9038033905, 9831233902