



Testing Laboratory
INCE-1977

TESTING MACHINE SERVICE CENTRE

ACCREDITED BY NABL

BALITIKURI SHIBTALA INDUSTRIAL ESTATE, HOWRAH - 711113, WB, INDIA
Website - www.testingmachine.org

FORM No.: TMSC/MSD/FM-08



CC-2498

CALIBRATION CERTIFICATE

DESCRIPTION OF INSTRUMENTS		Certificate No:	
NAME :	Digital Thermometer	ULR No:	TMSC/24/T-00816
RANGE:	(-)50 to 300 °C	Certificate issue Date:	CC249824000009825F
LEAST COUNT:	0.1 °C	Date of Calibration:	17-06-2024
MAKE:	Multi	Suggested Calibration Due On:	14-06-2024
MODEL NO/TYPE	408 / ----	Job Code No.:	13-06-2025
SERIAL NO:	----	Customer's Details	
LD NO:	WSDH/DT-01		
VISUAL INSPECTION:	OK		
ACCURACY:	N/A		
CALIBRATED AT:	TMSC Lab	Govt. of West Bengal	
DISCIPLINE/GROUP	Thermal - Temperature	Department of Health & Family Welfare Office of the superintendent Walsh Sub-Divisional Hospital	
Environmental Conditions	Temperature	Add : 22A, TC, Goswami Street, Serampore, Hooghly - 712 201.	
	Relative Humidity	25°C ±4°C	Calibration Reference
		30% to 75%	Calibration Procedure
			Comparison Method
			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
PT100K1, SIMPLEX, 4 WIRE RTD WITH CALSYS C-4004	22000136, CALS-T0030	TL/024/409.1.1	15-04-2025	CC-2840

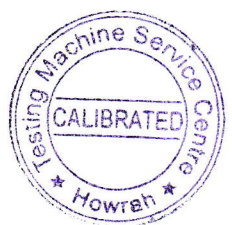
CALIBRATION RESULTS

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	119.184	49.91	49.75	-0.16	0.65
100.0	138.257	99.82	99.46	-0.36	
150.0	157.013	149.70	149.12	-0.58	
200.0	175.301	199.36	198.59	-0.77	

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)
PIIUS ADHIKARY



Approved By
(Technical Manager)
BHASKAR CHATTERJEE

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