



# 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:	TMSC/24/T-00815		
NAME :	Glass Thermometer	ULR No:	CC249824000009824F		
RANGE:	(-)10 to 110 °C	Certificate issue Date:	17-06-2024		
LEAST COUNT:	1 °C	Date of Calibration:	14-06-2024		
MAKE:	JRM	Suggested Calibration Due On:	13-06-2025		
SERIAL NO:	409800	Job Code No:	TMSC/JUN/14/05		
MODEL NO:	----	<b>Customer's Details</b>			
LD NO:	WSDH/GT-01	<b>Govt. of West Bengal</b>			
VISUAL INSPECTION:	OK	<b>Department of Health &amp; Family Welfare Office of the</b>			
ACCURACY:	N/A	<b>superintendent Walsh Sub-Divisional Hospital</b>			
CALIBRATED AT:	TMSC Lab	<b>Add : 22A, TC, Goswami Street, Serampore,</b>			
DISCIPLINE/GROUP	Thermal - Temperature	<b>Hooghly - 712 201.</b>			
Environmental Conditions	Temperature	25±4°C	Calibration Reference	IS: 6274	
	Relative Humidity	30 to 75%	Calibration Procedure	TMSC/MSD/WI-56	
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	
PT100DK1 SIMPLEX, 4 WIRE RTD WITH CALSYS C-4004	22000136, CALS-T0030	TL/024/409.1.1	15-04-2025	CC-2840	
<b>CALIBRATION RESULTS</b>					
Set Value in °C	Avg. Observed Value STD in (Ω)	Corresponding Value in °C	Observed Value DUC in °C	Error in °C	Expanded Uncertainty at 95% confidence level with k=2, (± °C)
-6	97.131	-5.97	-6	-0.03	1.35
20	107.365	19.92	20	0.08	
50	118.910	49.80	50	0.20	
110	141.683	109.53	110	0.47	

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)  
PRIUS ADHIKARY



Approved By  
(Technical Manager)  
BHASKAR CHATTERJEE

Contact No : 9038033905, 9831233902

Email : testingmachine3@gmail.com