



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.:					2024/02/782	Page 1 of 1
ISSUE DATE :					16-Feb-2024	
ULR No. :					CC312524000002635P	
1.0 ISSUED TO :					M/s.: Anushka Diagnostics 119/148, Chandidas Road, Trisulapatty, P.O.: Bolpur, Birbhum - 731204	
1.1 Service Request Form No.:					SRF/2024/02/12/03	
1.2 Service Request Date :					12-02-2024	
1.3 Location :					At Lab	
1.4 Description identification of item to be calibrated :						
i Name :		Digital Thermometer		ii Make :		Aptechdeals
iii Model / Type No.:		-		iv S/L No.:		-
v I.D.No.:		AD/DTM/02		vi Job Code No.:		2024/02/782
vii Range :		(-)50 to 70 °C		viii Resolution :		0.1 °C
ix Accuracy :		As Per DKD R5-1		x End User :		-
1.5 Full / Partial Calibration :					Partial Calibration	
1.6 Applicable specification of item to be calibrated: Accuracy / permissible limit :					Not Specified.	
1.7 Date of receipt of item :			12-Feb-2024	1.7 Date of calibration :		12-Feb-2024
1.9 Calibration due on :			11-Feb-2025	1.9 Frequency of calibration once in :		12 Months
2.1 Environmental condition during calibration :		Temperature :		25.5 °C		
		Humidity :		52 % RH		
2.2 Basis of calibration :		SOP/10/02				
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)		(Indicator SL No.- 18K588073) (Id No.- TMSCC/RTD/01)		TSC/23-24/13010-4	CC-2231	09-11-2023
Due On		08-11-2024				
CALIBRATION RESULTS						
Sl. No.	Ref. Bath set in °C	Reading at DUC in °C	Observed Reading at Ref. Std. in °C (Avg. of five readings)	Error in °C	Uncertainty in ± °C	Acceptance Criteria
1	-35.0	-35.0	-34.939	0.061	0.18	Pass
2	-15.0	-15.0	-14.974	0.026	0.18	Pass
3	10.0	10.0	9.983	-0.017	0.32	Pass
4	20.0	20.0	19.965	-0.035	0.32	Pass
5	50.0	50.0	49.913	-0.087	0.32	Pass
6	70.0	70.0	69.878	-0.122	0.32	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