



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

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CALIBRATION CERTIFICATE NO.:		2024/02/783				
ISSUE DATE :		16-Feb-2024				
ULR No. :		CC312524000002636P				
1.0	ISSUED TO :	M/s.: Anushka Diagnostics 119/148, Chandidas Road, Trisulnpaty, 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/03			
	vi	Job Code No.:	2024/02/783			
	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.			
	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			
			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	-34.950	0.050	0.18	Pass
2	-15.0	-15.0	-14.979	0.021	0.18	Pass
3	10.0	10.0	9.986	-0.014	0.32	Pass
4	20.0	20.0	19.972	-0.028	0.32	Pass
5	50.0	50.0	49.929	-0.071	0.32	Pass
6	70.0	70.0	69.900	-0.100	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
(Calibration Engineer)

END OF CERTIFICATE