



# NUTECH CALIBRATORS & ENGINEERS


(NABL Accredited Calibration Laboratory)

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CC-3304

Format No.: F/NCE/LAB/20		<b>CALIBRATION CERTIFICATE OF :</b>			
		<b>DIGITAL TEMPERATURE CONTROLLER</b>			
Calibration Certificate No.: NCE-DTC-2200348-21-22		Issue Date: 5-Jan-2022			
Date of Calibration: 3-Jan-2022	Calibration Due On :		3-Jan-2023		
ULR No.: CC330422000000348F	Frequency of Calibration:		12 Months		
Location of Calibration: On Site	Instrument Receipt Date :		3-Jan-2022		
Issued To:	M/s : Dey's Medical Stores Pvt. Ltd. Minerva Garden Complex, D.H Road, Joka, 24 Pgs(S), Kolkata-700104				
Service Request/Order No.:	-				
Description identification of instrument to be calibrated:					
Name: Digital Temperature Controller					
Make: Selec	ID No.:	DMJQ-16	Range: 0 to 60 °C		
Model: TC 544/ PT-100	Sr. No.:	-	Resolution: 0.1 °C		
Location: Viscosity Meter	Discipline: Electro-Technical				
Applicable specification of item to be calibrated: Accuracy/Permissible Limit:				Not Specified.	
Basis Of Calibration:					
S.O.P No.: SOP/ET-06		Description of Method:			
Standard Followed: --		Comparison Method			
Recommended Environmental Condition:		Environmental Condition during Calibration:			
Temperature:	25°C ± 4°C	Temperature	Humidity		
Humidity:	50%RH ± 10%RH	24.4 °C	57.2 % RH		
Traceability: Standards used for calibration are traceable to National / International Standards through ISO/IEC: 17025 accredited laboratory					
Sr. No.	Name of the Standard Instruments Used (Make, Sl. No./Code No.)	Range	Resolution	Calibration Due Date	Traceable to/ Certificate No.
1	Multifunction Process Calibrator (S/N: 2335162)	As per calibration report	--	11-Mar-23	Transcal (Bangalore) TSC/21-22/13200-1
<b>CALIBRATION RESULT</b>					
Parameter/ Range	Sl.No	Reading on Duc in °C	Temp. Set at Ref. Std. in °C	Error in °C	Measurement Uncertainty (±) in °C
Temperature	1	19.8	20	-0.20	0.756
	2	29.7	30	-0.30	
	3	39.6	40	-0.40	
	4	49.5	50	-0.50	
	5	59.4	60	-0.60	
Note: i) Average of 5 readings had been taken in DUC/STD.					
ii) Measurement Uncertainty reported is at approximately 95% confidence level with k=2, Units of Measurement results & Measurement Uncertainty are same as that of range selected-Unless otherwise indicated.					
iii) NABL-133 guidelines are adopted for use of NABL symbol.					
iv) DUC: Device Under Calibration.					
v) Physical Status Of DUC : Ok					
This certificate, issued by Nutech Calibrators & Engineers, refers only for the particular item submitted to calibrate.					

CALIBRATED BY:   
 (Calibration Engineer)



APPROVED BY:   
 (C.E.O)

END OF CERTIFICATE