



# 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 TEMP. INDICATOR OF MELTING POINT APPARATUS</b>			
Calibration Certificate No.: NCE-DTIMPA-2200338-21-22		Issue Date: 5-Jan-2022			
Date of Calibration: 3-Jan-2022		Calibration Due On :		3-Jan-2023	
ULR No.: CC330422000000338F		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 Indicator of Melting Point Apparatus					
Make: EI	ID No.: DMJQ-17	Range: Upto 300 °C			
Model: -	Sr. No.: -	Resolution: 1 °C			
Location: Laboratory		Discipline: Thermal			
Applicable specification of Item to be calibrated: Accuracy/Permissible Limit:					Not Specified.
Basis Of Calibration:					
S.O.P No.: SOP/TC/TH-02			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		23.8 °C	55.4 % 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	Dig Thermometer with Sensor (YD13006356)	[-] 50 to 1372°C	--	23-Aug-22	Transcal (Bangalore) TSC/21-22/6893-1
<b>CALIBRATION RESULT</b>					
Parameter/Range	Sl.No	Temperature Set at Duc in °C	Average Temp. Observed at Ref. Std. in °C	Error in °C	Measurement Uncertainty (±) in °C
Temperature	1	100	100.91	-0.91	0.60
	2	150	151.62	-1.62	
	3	200	201.98	-1.98	
	4	225	227.72	-2.72	1.55
	5	255	257.93	-2.93	
	6	290	293.29	-3.29	
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