



# NEWTECH CALIBRATION LABORATORY

(NABL Accredited Calibration Laboratory)

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CC-3304

Format No.:NCL/FF/25		<b>CALIBRATION CERTIFICATE OF :</b>															
		<b>VISCOCITY METER</b>															
Calibration Certificate No.:		NCL-VM-2400113-23-24		Issue Date: 4-Jan-2024													
		Page 1 of 1															
Date of Calibration:		3-Jan-2024		Calibration Due On : 3-Jan-2025													
ULR No.:		CC357524000000113F		Frequency of Calibration: 12 Months													
Location of Calibration:		At Lab		Instrument Receipt Date : 3-Jan-2024													
Issued To:		M/s. Dey's Medical Stores Pvt. Ltd. Minerva Garden Complex, Joka, South 24 Pgs Kolkata - 700104															
Service Request/Order No.:		JWO/QP/2324/0001															
Description identification of instrument to be calibrated:																	
Name: Digital Temperature Controller of Viscosity Meter																	
Make: Selec		ID No.: DMJQ-16		Range: 0 to 60°C(37°C Working Range)													
Model: TC 544/ PT-100		Sr. No.: -		Resolution: 0.1 °C													
Location: QC Lab		Discipline: Electro-Technical															
Applicable specification of Item to be calibrated: Accuracy/Permissible Limit:				Not Specified.													
Basis Of Calibration:																	
S.O.P No.: NCL/WI/03/ET-11			Description of Method:														
Standard Followed: --			Direct Method														
Recommended Environmental Condition:			Environmental Condition during Calibration:														
Temperature:		25°C ± 4°C		Temperature													
Humidity:		50%RH ± 10%RH		Humidity													
				24.4 °C													
				57.2 % RH													
Traceability: Standards used for calibration are traceable to National / International Standards through ISO/IEC: 17025 accredited laboratory																	
<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Name of the Standard Instruments Used (Make, Sl. No./Code No.)</th> <th>Certificate No.</th> <th>Calibration Date</th> <th>Calibration Due Date</th> <th>Traceable to</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Multifunction Process Calibrator (Sr.No.: 2335162)</td> <td>TSC/22-23/16807-3</td> <td>13-Feb-23</td> <td>13-Feb-24</td> <td>Transcal (Bangalore)</td> </tr> </tbody> </table>						Sr. No.	Name of the Standard Instruments Used (Make, Sl. No./Code No.)	Certificate No.	Calibration Date	Calibration Due Date	Traceable to	1	Multifunction Process Calibrator (Sr.No.: 2335162)	TSC/22-23/16807-3	13-Feb-23	13-Feb-24	Transcal (Bangalore)
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1	Multifunction Process Calibrator (Sr.No.: 2335162)	TSC/22-23/16807-3	13-Feb-23	13-Feb-24	Transcal (Bangalore)												
<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	-0.2	0.756											
	2	29.8		30	-0.2												
	3	36.6		37	-0.4												
	4	49.4		50	-0.6												
	5	59.3		60	-0.7												
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 Newtech Calibration Laboratory, refers only for the particular item submitted to calibrate.																	
CALIBRATED BY: B. Bera <i>B. Bera</i>			APPROVED BY: <i>Subhashis Ghosh</i>														
(Calibration Engineer)			Subhashis Ghosh( Quality Manager)														
END OF CERTIFICATE																	

