



NUTECH CALIBRATORS & ENGINEERS

(NABL Accredited Calibration Laboratory)

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Format No.: F/NCE/LAB/20		CALIBRATION CERTIFICATE OF : DIGIMATIC CALIPER			
Calibration Certificate No.: NCE-DC-22012906-22-23		Issue Date: 5-Jan-2023			
Date of Calibration: 3-Jan-2023		Calibration Due On: 3-Jan-2024			
ILR No.: CC330422000012906F		Frequency of Calibration: 12 Months			
Location of Calibration: At Lab		Instrument Receipt Date: 3-Jan-2023			
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: Digimatic Caliper					
Make: Mitutoyo					
Code No.: DMJQ-12					
Model: CD-6" ASX					
Sr. No.: A19180038					
Location: QC Instrumentation Room					
Range: 0 mm to 150 mm					
Resolution: 0.01 mm					
Discipline: Mechanical					
Applicable specification of Item to be calibrated: Accuracy/Permissible Limit: Not Specified					
Basis Of Calibration:					
S.O.P No.: SOP/VC/D-01					
Standard Followed: IS: 3651(Part-2) 1985					
Recommended Environmental Condition:					
Temperature: 20°C ± 2°C		Environmental Condition during Calibration:			
Humidity: 50%RH ± 10%RH		Temperature: 21.1 °C		Humidity: 55.3 % RH	
Traceability: Standards used for calibration are traceable to National / International Standards through ISO/IEC: 17025 accredited laboratory					
Details of Standard Equipment used for Calibration					
Sr. No.	Name of the Standard Instruments Used (Sl. No./Id No.)	Certificate No.	Calibration Date	Calibration Due Date	Traceable to
1	Caliper Checker	BCL/CCRB/235426	25/Feb/21	25/Feb/23	Bagson Calibration Lab
CALIBRATION RESULT					
External Measurement (Measurement taken at middle of the jaws):					
Sr. No.	Observation Reading on DUC (mm)	Standard Reading (mm)	Error (mm)	Permissible Error (micron)	Measurement Uncertainty (micron)
1	0.00	0.000	0.000	± 10	± 10
2	10.00	10.000	0.000		
3	20.01	20.000	0.010		
4	50.01	50.000	0.010		
5	75.02	75.000	0.020		
6	100.02	100.000	0.020		
7	150.03	150.000	0.030		
Internal Measurement (Measurement taken at middle of the jaws)					
Sr. No.	Observation Reading on DUC in mm	Standard Reading in mm	Error in micron		
1	10.01	10.000	10		
Parallelism of Measuring Face:					
		Observed Error in micron	Permissible Error in micron		
External Measuring Faces		6			
Internal Measuring Faces		9			
Remarks: Statement of conformity not mentioned.					
Note: i) This Calibration Certificate relates only to the above DUC & Reported results are valid at the time of and under the stated conditions of measurements.					
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					
vi) The certificate issued for industrial purpose only not for commercial activities.					
vii) Partial publication/reproduction of this certificate in any form is not permitted without the written consent of NCE.					
This certificate, issued by Nutech Calibrators & Engineers, refers only for the particular item submitted to calibrate.					
CALIBRATED BY: B.Dera (C. E.)		B.Dera		APPROVED BY: S. Ghosh (T.M.)	

