



# TESTING MACHINE SERVICE CENTRE

ACCREDITED BY NABL

BALITIKURI SHIBTALA INDUSTRIAL ESTATE, HOWRAH - 711113, WB, INDIA

Website - www.testingmachine.org

FORM No. : TMSC/MSD/FM-08



CC-2498

## CALIBRATION CERTIFICATE

DESCRIPTION OF INSTRUMENT		Certificate No:	TMSC/24/M-07218	
NAME :	Micro Pipette	ULR No.	CC249824000009830F	
RANGE:	10 - 100 $\mu$ l	Certificate issue Date:	17-06-2024	
LEAST COUNT:	1 $\mu$ l	Date of Calibration:	15-06-2024	
MAKE:	Microlit	Suggested Calibration Due On:	14-06-2025	
SERIAL NO:	18533881	Job Code No:	TMSC/JUN/14/05	
MODEL NO/TYPE:	---- / Graduated	<b>Customer's Details</b> Govt. of West Bengal Department of Health & Family Welfare Office of the superintendent Walsh Sub-Divisional Hospital Add : 22A, TC, Goswami Street, Serampore, Hooghly - 712 201.		
ID NO:	WSDH/MP-02			
VISUAL INSPECTION:	OK			
ACCURACY	N/A			
DISCIPLINE/GROUP	Mechanical-Volume			
CALIBRATED AT	TNSC LAB			
Environmental Condition	Temperature	20 $\pm$ 2 $^{\circ}$ C	Calibration Reference	IS: 4787
	Relative Humidity	50 $\pm$ 10%	Calibration Procedure	TMSC/MSD/WI-24
STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.				
MASTER (S) USED FOR CALIBRATION:-				
Instrument Name	Certificate No	Valid Upto	Calibrated By	
S.S weight Set (E1 Class)	TYE/W/02/2023/008	08.02.2026	NABL LAB CC-3226	
Digital Balance	TMSC/23/M-14360	26.07.2024	NABL LAB CC-2498	
<b>Calibration Results</b>				
Sl. No.	Nominal value on U.U.C ( $\mu$ l)	Volume at V27 ( $\mu$ l)	Error ( $\mu$ l)	
1	20	19.5884	0.4142	
2	50	49.4112	0.5955	
3	100	99.0917	0.9083	

Uncertainty of measurement (at 95% confidence level, k=2):  $\pm 2 \mu$ l

REMARKS : The UUC\* (UNIT UNDER CALIBRATION) has been calibrated for its range.

Note :- 1) This certificate refers only to the particular item (s) submitted for calibration.

2) This certificate refers to the values obtained at the time of calibration.

3) This certificate shall not be reproduced, except in full, unless written permission has been obtained from CEO/TMSC.

4) 5 Nos. measurements were made for each reading.

\*\*\*\* End of Certificate\*\*\*\*

Calibrated By  
(Calibration Engineer)  
BISWARUP JANA



Approved By  
(Technical Manager)  
BHASKAR CHATTERJEE

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