



# TESTING MACHINE SERVICE CENTRE

ACCREDITED BY NABL

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

Website - www.testingmachine.org

FORM No. TMSC/MSD/FM-08



on Laboratory

CE-1977

## CALIBRATION CERTIFICATE

DESCRIPTION OF INSTRUMENT		Certificate No:	TMSC/24/M-09154	
NAME :	Micro Pipette	ULR No.	CC249824000012815F	
RANGE:	20 to 200 µl	Certificate Issue Date:	05-08-2024	
LEAST COUNT:	1 µl	Date of Calibration:	03-08-2024	
MAKE:	Microlit	Suggested Calibration Due On:	02-08-2025	
SERIAL NO:	20405700	Job Code No:	TMSC/JUL/30/07	
MODEL NO/TYPE:	---- / Graduated	Customer's Details <b>M/s. Vidyasagar State General Hospital.</b> Add : 4, Bramho Samaj Road, Kolkata - 700034.		
I.D NO:	20405700			
VISUAL INSPECTION:	OK			
ACCURACY	N/A			
DISCIPLINE/GROUP	Mechanical-Volume			
CALIBRATED AT	TNSC LAB			
Environmental Condition	Temperature	20±2°C	Calibration Reference	IS: 4787
	Relative Humidity	50±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/24/M-08726	18.07.2025	NABL LAB CC-2498

### Calibration Results

Sr. No.	Nominal value on U.U.C (µl)	Volume at V27 (µl)	Error (µl)
1	50	49.9928	0.0139
2	100	99.9992	0.0143
3	200	199.9795	0.0205

Uncertainty of measurement (at 95% confidence level, k=2): ± 2 µl

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)  
DEBIKA ADHIKARY



Approved By  
(Technical Manager)  
BHASKAR CHATTERJEE

Contact No : 9038033905, 9831233902

Email : testingmachine3@gmail.com