

## TESTING MACHINE SERVICE CENTRE

ACCREDITED BY NABL

BALITIKURI SHIBTALA INDUSTRIAL ESTATE, HOWRAH - 711113, WB, INDIA Website - www.testingmachine.org





## **CALIBRATION CERTIFICATE**

Condition	Relative Humidity	50±1	10%	Calibration Procedure	re TMSC/MSD/WI-2	
Environmental	Temperature 20±		2°C Calibration Reference		IS: 4787	
ALIBRATED AT	TNSC LAB	P**	18		141	
ISCIPLINE/GROUP	Mechanical-Volum	e 🔭	3			
CCURACY	N/A		Add: 4, Bramho Samaj Road, Kolkata - 700034.			
ISUAL INSPECTION:	<b>21405360</b> OK		M/s. Vidyasagar State General Hospital.			
.D NO:						
MODEL NO/TYPE:	/ Graduate	ed	Customer's Details			
SERIAL NO:	21405360		Job Code	No:	TMSC/JUL/30/07	
MAKE:	Mictolit		Suggested Calibration Due On:		02-08-2025	
LEAST COUNT:	5 μΙ		Date of C	alibration:	03-08-2024	
RANGE:	100 to 1000 μl		Certificat	e issue Date:	05-08-2024	
NAME:	Micro Pipette		ULR No.		CC249824000012814F	
DESCRIPTION OF INSTRUMENT			Certifica	te No:	TMSC/24/M-09153	

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	200	199.99297	0.03403		
2	500	500.01725	0.05025		
3	1000	999,94430	0.05570		
No.					

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

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

- ote: 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** 



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**CALIBRATION CERTIFICATE** 

PRS			CALII	BRATIO	CEITTE		
			<u> </u>	Certificate I			TMSC/24/M-09154
DESCRIPTION OF INSTRUMENT						CC249824000012815F	
NAME:	AME: Micro Pipette			ULR No.		05-08-2024	
RANGE:		20 to 200 μl			Certificate issue Date:		03-08-2024
LEAST COU	AST COUNT: 1 μl		Date of Calibration: Suggested Calibration Due On:		02-08-2025		
MAKE:	Mictolit				TMSC/JUL/30/07		
SERIAL NO	20405700		Job Code No: Customer's Details				
MODEL NO	/TYPE:	/ Graduat	ted	The state of the s			
LD NO: 20405700 VISUAL INSPECTION: OK			M/s. Vidyasagar State General Hospital.				
		J.	Add: 4, Bramho Samaj Road, Kolkata -				
ACCURACY	Add: 4, Bramno Salilaj Rodd, N			Noad, Noillass			
DISCIPLINE	DISCIPLINE/GROUP Mechanical-Volume		me	of the second second			
CALIBRATED AT		TNSC LAB		150	Name and	16.67	IS: 4787
Enviror	nmental	Temperature 20:		2°C Calibration Reference		TMSC/MSD/WI-24	
Condition		Relative Humidity		±10%			
TANDARDS	USED FOR CA	LIBRATION ARE TRACEABLE	TO NATION	NAL OR INTERN	NATIONAL STANI	DARDS THROUGH	H NABL ACCREDITED LABORATORY
AASTER (S) U	ISED FOR CA	LIBRATION:-	A ST	S.	2 May 17	I 10	
Instrument Name  S.S weight Set (E1 Class)  Digital Balance		C	Certificate No         Valid Upto           TYE/W/02/2023/008         08.02.2026           TMSC/24/M-08726         18.07.2025		Valid Upto	Calibrated By	
		TYE/			08.02.2026	NABL LAB CC-3226	
		TMS			NABL LAB CC-2498		
		N 520049	С	alibration R	Results		et 10
Sr. No.	No	minal value on U.U.C (μl) Volume at V27 (μl)				Error (μl)	
1		50				on a a a of	0.0139
2		100 99.9992			-	0.0143	
						6 6665	

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

200

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

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199.9795

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

End of Certificate\*\*\*\*

Calibrated By (Calibration Engineer) **DEBIKA ADHIKARY** 





(Technical Manager) **BHASKAR CHATTERJEE** 

0.0205

Contact No: 9038033905, 9831233902 Email: testingmachine3@gmail.com