

# Parashar Micro Measurement Pvt. Ltd.

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CC - 2795

## Calibration Certificate

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Certificate Number : PMM/130623/24-1		UUC Received on	13.06.2023
Calibrated For	M/s. Department Of Pathology Tej Bahadur Sapru Hospital, Prayagraj.	Calibrated on	14.06.2023
		Valid Upto	13.06.2024
		Cert. Issue Date	16.06.2023

### Description of Equipments

Nomenclature	Micro Pipette	Accuracy/Class	Not Mentioned
Range	5 - 50 $\mu$ l	Condition of UUC	Physically Ok
Resolution / Least Count	1 $\mu$ l	Serial No.	-----
Make & Model No.	Drops	Party ID Mark No.	TBSH/DP/PIP-01
Material / Type	-----	Location	Pathology

### Master Equipment / Standard Used

Sr.No.	Nomenclature	Make & Model	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	Digital Weighing Machine	Sartorius	PMM/WM/06	PMMPL, Noida	PMM/1486	12.05.2024

Standard used for calibration are traceable to Accredited lab, for Standard ISO/IEC : 17025-2017 or National Standards through unbroken chain of calibration.

Calibration Performed at	Laboratory	Environmental	Temperature = 23 $\pm$ 2° C
Calibration Procedure No.	CP/M/MV/04	Condition(s)	Humidity = 50 $\pm$ 10 % RH
Method Used	Gravimetric Method	Atmospheric Pressure	990 hPa
Reference Standard / Guideline	ISO 8655-6		

### Mechanical Calibration

### CALIBRATION RESULTS

Sr.No.	Nominal Value in UUC (in $\mu$ l)	Actual Observed Value Mean Value in Std. (in $\mu$ l)	Mean Average Value at 27°C (in $\mu$ l)	Systematic Error (in $\mu$ l)	Random Error (in $\mu$ l)
1	10	10.00	10.01	0.01	0.08
2	25	25.08	25.11	0.11	0.11
3	50	50.22	50.27	0.27	0.08

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor  $k = 2$ ) =  $\pm$  0.65  $\mu$ l

Calibrated By : Pankaj Yadav  
Designation : Calibration Engineer



Approved By : Jai Prakash  
Designation : Tech. Manager / Auth. Sign.

- Conditions : 1. This certificate refers only to the particular item submitted for calibration.  
2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement.  
3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.