

# Parashar Micro Measurement Pvt. Ltd.

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CC - 2795

## Calibration Certificate

<b>ULR - CC27952400007848F</b>		<b>Page 1 of 1</b>	
Certificate Number : PMM/020224/17-1		UUC Received on	02.02.2024
Calibrated For	Pathology Lab Dr. B.R. Ambedkar Combined Female Hospital Etawah, (U.P.)	Calibrated on	03.02.2024
		Suggested Due Date	02.02.2025
		Cert. Issue Date	06.02.2024

### Description of Equipments

Nomenclature	Micro Pipette	Accuracy/Class	Not Mentioned
Range	100 - 1000 $\mu$ l	Condition of UUC	Physically Ok
Resolution / Least Count	10 $\mu$ l	Serial No.	-----
Make & Model No.	Perfect	Party ID Mark No.	PIP-01
Material / Type	-----	Location	Pathology Lab.

### 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 = $23 \pm 2^\circ$ 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 $27^\circ$ C (in $\mu$ l)	Systematic Error (in $\mu$ l)	Random Error (in $\mu$ l)
1	100	98.62	98.74	-1.26	0.60
2	500	495.78	496.38	-3.62	0.90
3	1000	994.26	995.47	-4.53	1.13

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor  $k = 2$ ) =  $\pm 5.82 \mu$ 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.