

Parashar Micro Measurement Pvt. Ltd.

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Calibration Certificate

ULR - CC279523000068736F				Page 1 of 1		
Certificate Number : PMM/011223/17-1			UUC Received on		01.12.2023	
Calibrated For		M/s. Central Lab Clinical Pathology Jawahar Lal Nehru Medical College & Hospital Bhagalpur, Bihar.	Calibrated on		02.12.2023	
			Valid Upto		01.12.2024	
			Cert. Issue Date		04.12.2023	
Description of Equipments						
Nomenclature		Micro Pipette	Accuracy/Class		Not Mentioned	
Range		5 - 50 μ l	Condition of UUC		Physically Ok	
Resolution / Least Count		1 μ l	Serial No.		221020915	
Make & Model No.		Vertex	Party ID Mark No.		-----	
Material / Type		-----	Location		-----	
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/MMV/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 μ l)	Actual Observed Value Mean Value in Std. (in μ l)	Mean Average Value at 27 $^{\circ}$ C (in μ l)	Systematic Error (in μ l)	Random Error (in μ l)
1	10	9.98	9.99	-0.01	0.04
2	25	25.08	25.11	0.11	0.08
3	50	50.25	50.31	0.31	0.11

UUC:- Unit Under Calibration.

Std. - Standard Instrument

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