

# Parashar Micro Measurement Pvt. Ltd.

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CC - 2795

## Calibration Certificate

|                                      |  |                    |            |
|--------------------------------------|--|--------------------|------------|
| <b>ULR - CC279524000062160F</b>      |  | <b>Page 1 of 1</b> |            |
| Certificate Number : PMM/270924/13-4 |  | UUC Received on    | 27.09.2024 |
| Calibrated For                       | M/s. Stpious Healthcare Pvt. Ltd.<br>Tilkamanjhi Hatiya Road,<br>Bhagalpur, Bihar 812001 | Calibrated on      | 28.09.2024 |
|                                      |  | Suggested Due Date | 27.09.2025 |
|                                      |  | Cert. Issue Date   | 01.10.2024 |

### Description of Equipments

|                          |                  |                   |               |
|--------------------------|------------------|-------------------|---------------|
| Nomenclature             | Micro Pipette    | Accuracy/Class    | Not Mentioned |
| Range                    | 10 - 100 $\mu$ l | Condition of UUC  | Physically Ok |
| Resolution / Least Count | 1 $\mu$ l        | Serial No.        | 0196554       |
| Make & Model No.         | Dragon           | 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/1606        | 09.05.2025              |

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/MM/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      | 10                                | 10.18   | 10.19   | 0.19                          | 0.02                      |
| 2      | 50                                | 50.43   | 50.47   | 0.47                          | 0.03                      |
| 3      | 100                               | 100.89  | 100.98  | 0.98                          | 0.03                      |

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.