



# DELHI CALIBRATION LABORATORY PVT. LTD.

ISO/IEC 17025 : 2017 NABL Accredited Laboratory

House No.-7, Avtar Enclave, Paschim Vihar, New Delhi-110063 (INDIA)

Ph. No.: (011) 35009896, (+91) 9818711781, 9810977012, 9015904300

Email ID: delhicallibrationlaboratory@gmail.com

Website: www.dcllab.in



CC-3444

## Calibration Certificate

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Calibration Certificate / ULR No.: CC344422000001612F	Calibration Request No.: DCL/RN-22/0199
Certificate Issued on: 04-11-2022	Date of Receipt: 02-11-2022
Suggested date for the next calibration: 02-11-2023	Date of Calibration: 02-11-2022

**CALIBRATED FOR:** M/s Origyn Path Lab  
4<sup>th</sup> Floor, HB Twin Tower, Netaji Subhash Place,  
Pitampura, New Delhi- 110034

**ITEM'S DESCRIPTION:**

Name	:	Micro Pipette
Make / Model No.	:	-----
Serial No.	:	MK435158
Identification No.	:	MP- 03
Range	:	100 µl to 1000 µl
Least Count	:	5 µl
Location	:	-----
Physical Condition	:	OK

Zero Error: ----

Environmental Condition	Temperature : 23 °C ± 2 °C
	Relative Humidity : 40 % to 60 %

### STANDARD REFERENCE DETAILS (Traceable to National Standard)

Name of Standard	Make / Model No.	I.D. No.	Certificate No.	Traceable	Calibration Due Date	Uncertainty (At 95% C.L. approx.)
Digital Weighing Balance	Shimadzu / AUW220D	DCL/STD/ DWB-01	PV/2204/ 0276	PV Calibration (Ghaziabad)	20-04-2023	± 0.12 mg (k=2)

**Equipments Used:** Thermometer, Thermo-Hygrometer, Barometer, Distilled Water & Glasswares

**Principle / Methodology of Calibration:** As per Calibration Procedure No.: DCL/CP/M-65

**Used Standard:** IS/ISO: 8655 & ISO/TR 20461:2000 (E)

### CALIBRATION RESULTS (IN-LAB)

Average U.U.C. Value (µl)	Average Measured Reference Standard value (µl)	Expanded Uncertainty <sup>^</sup> (µl)
100	99.92	± 0.357
500	499.33	± 0.357
1000	998.62	± 0.357

Calibrated by: Dayaram Sushant  
(Sr. Calibration Engineer)



Approved by: B.G. Sharma  
(Technical Head)

- Note :**
- This certificate refers only to the particular item submitted for calibration.
  - This certificate shall not be reproduced except in full without the written approval of Laboratory.
  - Reported Results are valid at the time of and under the stated conditions of measurement.
  - Laboratory Standards are traceable to National Standards.
  - In case any reconfirmation of contents of this calibration certificate is required, please contact our office.



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### Remarks:

- 1- Expanded Uncertainty<sup>^</sup> of measurement evaluated at a confidence Level of approximately 95% with Coverage factor k=2 for a normal probability distribution.
- 2- U.U.C. defined above as Unit Under Calibration.
- 3- The reported volume is at 27 °C.
- 4- Suggested date for the next calibration mentioned as per customer requisition.
- 5- Decision Rule: Not Required



\*End of Report\*



Calibrated by: Dayaram Sushant  
 (Sr. Calibration Engineer)



Approved by: B.G. Sharma  
 (Technical Head)

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