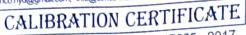
## (A Division of : Sharp Industrial Machinery Maintenance Co. Pvt. Ltd.)

SIMCO CALIBRATION LABORATORY

10-3-74/27, Plot No. 151, Street No.3, Teacher's Colony, East Marredpally, Secunderabad - 26, Telangana

Tel 040 2773 2341/342, 2773 1510, Mob. 77299 91231/33, 98480 46524. E-mail smco.hyd@gmail.com, Info@simco-india.com www.simcocalibrationlaboratory.com



In accordance with ISO / IEC-17025 2017



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F10-CC-03

9001

ERTIFIED COMPANY

01-04-2022 Issue Date

Certificate No.: SL2203MVL0160-002 1. Customer Name & Address:

M/s. Likhithas Diagnostics and Speciality Lab, Zenrise,

Plot No. 201, Mythrinagar, NH-65, Madinaguda,

Miyapur, Hyd-500 049.

ULR - C C 2 8 0 6 2 2 2 0 0 0 0 0 8 8 0 F

Reference Date

LDSL/CL/MP-01

31-03-2022

Calibration Date

Relative Humidity: (50±10) % RH

01-04-2022

Calibration Due Date

31-03-2023

2. Details of Unit Under Calibration:

Micro Pipette Description

Thermo Scientific Make

100-1000 µl Range

Resolution 1 µl

SW01513 SI No.

2 Details of Standard Instruments Used

ა.	3. Details of Standard Instruments Osed.							
	Instrument Name SI No./ld No.		Valid up to	Certificate No.				
	Semi Micro Balance	SL/PMM/SMB/01	30-05-2022	SL2105MVS0165-002				

ld No.

4. Environmental Conditions: Standard Temperature: (23±2)°C

Air Pressure: (900-1100)hpa

5. Calibration Procedure:

SOP-MP-01

6. Mechanical Calibration: Volume

7. Calibration Results:											
	Instrument Reading (µI)	Measured Value (µl)	Systematic Error (µI)	Random Error (µl)	Maximum Permissible Error (±µI)		Expanded				
S No.					Systematic	Random	Uncertainty (±µI)				
1	100	100.25	0.25	0.1	8.0	3.0	0.13				
2	500	500.35	0.35	0.1	8.0	3.0	0.13				
3	1000	1000.26	0.26	0.1	8.0	3.0	0.13				

## 8. Remarks:

- The instrument/equipment was received in good condition and was calibrated at Lab.
- This certificate pertains only to the item calibrated. b
- The calibration results reported in this certificate are valid at the time of and at the stated environmental conditions. С
- The calibration interval is determined based on customer's requirements.
- The calibration is traceable to National standards as per traceability details given in the certificate.
- This calibration certificate shall not be reproduced in full, except with prior written approval of Managing Director, SIMCO Calibration Laboratory.
- This calibration certificate is meant for scientific and industrial purpose only.
- The NABL Symbol is used as per NABL guidelines in NABL-133.
- The Expanded Uncertainty is reported approximately at 95.45% confidence level with coverage factor k = 2
- Random Error are taken as round up value.
- To use this instrument at other temperatures use the formula given below

 $V27 = VT (1- \gamma (t-27)).$ 

where, VT = Volume measured at temperature t°C (ml), V27= Volume measured at 27°C (ml) γ = coefficient of cubical expansion of Pipette tips (0.00024 /°C)

Mounika Calibrated by

Technical Manager **Authorised Signatory**