SIMCO CALIBRATION LABORATORY

SIMCO™
AN ISO 9001 : 2015 CERTIFIED COMPANY

(A Division of : Sharp Industrial Machinery Maintenance Co. Pvt. Ltd.)
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: simco.hyd@gmail.com, info@simco-india.com, www.simcocalibrationlaboratory.com

ilac-MRA

CC-2806

CALIBRATION CERTIFICATE

In accordance with ISO / IEC-17025 : 2017

F10-CC-03

Certificate No. : SL2212MVL0533-002	Issue Date : 10-12-2022
1. Customer Name & Address: **M/s. Telangana Diagnostic (TD Hub).,** Opposite Emergency Ward, Distic Hospital (RIMS), Adilabad -504001.	ULR - C C 2 8 0 6 2 2 2 0 0 0 0 2 9 9 4 F Reference Date : 06-12-2022 Calibration Date : 07-12-2022 Calibration Due Date : 06-12-2023

2. Details of Unit Under Calibration:

Description	: Micro Pipette	
Make	: Thermo Scientific	
Range	: 500 µl	
Sl No.	: QW15447	

3. Details of Standard Instruments Used:

Instrument Name	Serial / Identification No.	Valid up to	Certificate No.
Weighing Balance	SL/PMM/SMB/01	11-11-2023	SL2211MVS0229-002

4. Environmental Conditions: Standard Temperature : (23±0.5)°C Relative Humidity : (50±10) % RH
Air Pressure : (900-1100)hpa Thermal Stabilization : 24 hrs

5. Calibration Procedure: SOP-MVL-02

6. Standard Procedures: OIML R 111-1:2004 & OIML D28:2004

7. Mechanical Calibration: Mass

8. Calibration Results:

Serial No.	Instrument Reading (µl)	Measured Value (µl)	Systematic Error (µl)	Random Error (µl)	Maximum Permissible Error (±µl)		Expanded Uncertainty (±µl)
					Systematic	Random	
1	500	500.43	0.43	0.1	8.0	3.0	23.91

9. Remarks:

a The instrument was received in good condition and was calibrated at Lab.
b This certificate pertains only to the item calibrated.
c The calibration results reported in this certificate are valid at the time of and at the stated environmental conditions.
d The calibration interval is determined based on customer's requirements.
e The calibration is traceable to National standards as per traceability details given in the certificate.
f This calibration certificate shall not be reproduced in full, except with prior written approval of Managing Director, SIMCO Calibration Laboratory.
g This calibration certificate is meant for scientific and industrial purpose only.
h The NABL Symbol is used as per NABL guidelines in NABL-133.
i The Expanded Uncertainty is reported approximately at 95% confidence level with coverage factor $k = 2$
j Random Error are taken as round up value
k 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)

Calibrated by

Mrs. P.A. Anandam
Technical Head
Authorised Signatory