



CERTIFICATE OF CALIBRATION

ULR No. : CC214422000005691F	Date of Issue : 05-09-2022
Certificate No. : TVCSPL 22/09/1484-01	Recom. Due Date : 01-09-2023
Date of Calibration : 02-09-2022	SRF No. : 1484
Customer Details : M/s.Doctors Lab, Payyoli, Kozhikode.	Calibrated at : Lab
	Date of Receipt : 02-09-2022
	Cond. On Receipt : Satisfactory

Details of Test Instrument:			
Description : Micropipette	Model No. : --		
Range : 5-50µl	Serial No. : --		
Least Count : 1µl	Id. No. : --		
Make : Aquapet	Accuracy : --		
Location : --			

Details of Standard Used	Name	Certificate No.	Valid upto	Traceability
Weighing Machine		TVCSPL 22/03/392-01	07-Mar-23	TVCSPL, Chennai.
Weighing Machine		TVCSPL 22/03/334-02	28-Feb-23	TVCSPL, Chennai.

Work Instruction : WI-M-03
 Environmental Details : Temperature : 25±2°C Relative Humidity : 50±10 % RH

MECHANICAL CALIBRATION
(Volume)

Calibration Results

1. Lower Volume :	5 µl	No. of Measurements :	10
4.928	4.925	4.936	4.896
4.887	4.967	4.966	4.933
4.927	4.918		

Mean Value : 4.929 µl

Error Limits(±)			
Systematic Error :	-0.071 µl	0.125 µl	
Systematic Error :	-1.43 %	2.50 %	
Random Error :	0.03 µl	0.08 µl	
Random Error :	0.51 %	1.50 %	

Measurement Uncertainty : ± 0.094 µl

Calibrated by :
Vishnu Priyai
 Ms.K.Vishnu Priyai
 (Calibration Engineer)

Authorised by:
Mr. Anand Manoharan
 Mr.Anand Manoharan
 (QM & TM)

...redefining the true value

