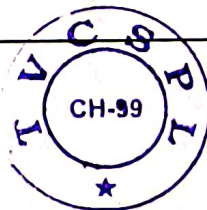




CERTIFICATE OF CALIBRATION

TVCSPL/F/7.8/01		Page 1 of 2				
ULR No. :	CC393524000004199F	Date of Issue :	04-09-2024			
Certificate No. :	TVCSPL 24/09/1029-01	Recom. Due Date :	02-09-2025			
Date of Calibration :	03-09-2024	SRF No. :	1029			
Customer Details :	KM Doddi Government Hospital ICTC Community Health Center malavalli Maddur Street, K.M. Doddi. Bharathi Nagar, Maddur Taluk, Mandya District-571422	Calibrated at :	LAB			
		Date of Receipt :	03-09-2024			
		Cond. On Receipt :	Satisfactory			
Details of Test Instrument:						
Description :	Micropipette	Model No. :	NA			
Range :	5-50µl	Serial No. :	NA			
Least Count :	1µl	Id. No. :	ICTC/GHKMD/PIPT-01			
Make :	Microlux	Accuracy :	As per Manual			
Location :	ICTC LAB					
Details of Standard Used :						
Name	Id.No	Certificate No.	Valid upto	Calibrated at		
Electronic Micro Balance	TVCSPL/MECH/WB-11	TVCSPL 24/03/0260-01	04-03-2025	CC-2144		
Electronic Semi Micro Balance	TVCSPL/MECH/WB-07	TVCSPL 24/02/0219-03	23-02-2025	CC-2144		
Work Instruction :		WI-M-03				
Environmental Details :	Temperature	Start :	21.9 °C	Relative Humidity	Start :	50.9 % RH
		End :	21.9 °C		End :	50.9 % RH
MECHANICAL CALIBRATION						
(Volume)						
Calibration Results						
1. Lower Volume :	5	µl	No. of Measurements :		10	
<input type="text" value="4.96"/>	<input type="text" value="4.95"/>	<input type="text" value="4.97"/>	<input type="text" value="4.98"/>			
<input type="text" value="4.93"/>	<input type="text" value="4.98"/>	<input type="text" value="4.97"/>	<input type="text" value="5.03"/>			
<input type="text" value="5.00"/>	<input type="text" value="4.99"/>					
Mean Value :	4.98	µl				
Error Limits(±)						
Systematic Error :	-0.02	µl	0.125	µl		
Systematic Error :	-0.47	%	2.50	%		
Random Error :	0.03	µl	0.075	µl		
Random Error :	0.55	%	1.50	%		
Measurement Uncertainty :	±	0.02	µl			

Calibrated by :
M. Jeevitha
M. Jeevitha
(Calibration Engineer)



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

