

## CALIBRATION CERTIFICATE

EQN/FT/7.8/01		Date of Calibration : 19-Jul-23	
CRF No. :	EQN/CRF/2307166	Recom. Due Date :	18-Jul-24
Certificate No :	2023-24/EQN/2307166-04		
ULR No. :	CC276023000010653F		
<b>Customer Details</b>		Calibrated at : Lab	
<b>THE MEDICAL OFFICER</b>		Date of Receipt : 19-Jul-23	
Govt Primary Health Centre,		Cond. On Receipt : Satisfactory	
Pappankulam, Tiruppur District		Date of Issue : 22-Jul-23	
<b>Details of UUC :</b>			
Description :	Micropipette	Model :	Finnpipette F3
Range :	10 - 100 µl	Serial No :	RW10814
Least Count :	0.2µl	Identification No. :	--
Make :	Thermo Scientific	Accuracy :	As Per Manual
Working range :	--	Location :	Lab
<b>Details of Standard Used :</b>			
Name	Certificate No.	Valid upto	Traceability
Mass Comparator	2022-23/EQN/2209050-81	14-Sep-23	EQN, Chennai.
CP No. :	EQN/CP/MS-03	Reference Standard : ISO 8655-6	
Environmental Details :	Temperature : 25±2°C	Relative Humidity : 50±10 % RH	
<b>MECHANICAL CALIBRATION</b>			
(Volume)			
<b>Calibration Results</b>			
<b>1. Lower Volume :</b>	<b>10 µl</b>	<b>No. of Measurements :</b>	<b>10</b>
10.081	9.981	10.071	9.971
10.001	10.061	10.021	9.991
9.951	10.091		
<b>Mean Value :</b>	10.022 µl		
<b>Error Limits(±)</b>			
<b>Systematic Error :</b>	0.02 µl	0.12 µl	
<b>Systematic Error :</b>	0.22 %	1.20 %	
<b>Random Error :</b>	0.05 µl	0.08 µl	
<b>Random Error :</b>	0.51 %	0.80 %	
<b>Measurement Uncertainty :</b>	±	0.37 µl	

Calibrated by :  
  
L.SALAMON  
(Calibration Engineer)



Authorised by:  
  
K.YOGANATHAN  
(TM)