



CERTIFICATE OF CALIBRATION

FT-Q-25		Page 1 of 1	
ULR No.	: CC21442300000785F	Date of Issue	: 10-02-2023
Certificate No.	: TVCSPL 23/02/235-04	Recom. Due Date	: 08-02-2024
Date of Calibration	: 09-02-2023	SRF No.	: 235
Customer Details	: M/s.FEROKE NEETHI MEDICAL LAB FEROKE KOZHIKODE.	Calibrated at	: Lab
		Date of Receipt	: 09-02-2023
		Cond. On Receipt	: Satisfactory
Details of Test Instrument:			
Description	: Micropipette	Model No.	: F3
Range	: 1000 µl	Serial No.	: MW15185
Least Count	: --	Id. No.	: --
Make	: Thermoscientific	Accuracy	: As per Manual
Location	: --		
Details of Standard Used			
Name	: Weighing Machine	Certificate No.	: TVCSPL 22/03/334-02
		Valid upto	: 28-Feb-23
		Traceability	: TVCSPL, Chennai.
Work Instruction	: WI-M-03		
Environmental Details : Temperature : 25±2°C Relative Humidity : 50±10 % RH			
<b>MECHANICAL CALIBRATION</b>			
(Volume)			
<b>Calibration Results</b>			
1. Nominal Volume :	1000 µl	No. of Measurements :	10
	1002.64	1002.31	1002.90
	1001.90	1002.13	1004.63
	1002.97	1003.22	1003.51
Mean Value :	1002.85 µl		
Error Limits(±)			
Systematic Error :	2.85 µl	8.00 µl	
Systematic Error :	0.29 %	0.80 %	
Random Error :	0.80 µl	3.00 µl	
Random Error :	0.08 %	0.30 %	
Measurement Uncertainty :	± 0.36 µl		

Remarks

1. The reported Expanded Uncertainty is calculated at 95.45 % C.I. with coverage factor k= 2
2. The above Micropipette was within the error limits

\* End of Certificate \*

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

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



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CIN No : U29268TN2015PTC103428



Quality is Assured





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Date of Calibration	: 09-02-2023	SRF No.	: 235
Customer Details	: M/s.FEROKE NEETHI MEDICAL LAB FEROKE KOZHICODE.	Calibrated at	: Lab
		Date of Receipt	: 09-02-2023
		Cond. On Receipt	: Satisfactory
Details of Test Instrument:			
Description	: Micropipette	Model No.	: F3
Range	: 100 µl	Serial No.	: MW19446
Least Count	: --	Id. No.	: --
Make	: Thermoscientific	Accuracy	: As per Manual
Location	: --		
Details of Standard Used			
Name	: Weighing Machine	Certificate No.	: TVCSPL 22/03/334-02
		Valid upto	: 28-Feb-23
		Traceability	: TVCSPL, Chennai.
Work Instruction	: WI-M-03		
Environmental Details : Temperature : 25±2°C Relative Humidity : 50±10 % RH			
<b>MECHANICAL CALIBRATION</b>			
(Volume)			
Calibration Results			
1. Nominal Volume :	100 µl	No. of Measurements :	10
	99.97	99.88	99.48
	99.41	99.89	100.08
	99.82	99.58	99.77
Mean Value :	99.73 µl		
Error Limits(±)			
Systematic Error :	-0.27 µl	0.80 µl	
Systematic Error :	-0.27 %	0.80 %	
Random Error :	0.23 µl	0.30 µl	
Random Error :	0.23 %	0.30 %	
Measurement Uncertainty :	± 0.26 µl		

Remarks

1. The reported Expanded Uncertainty is calculated at 95.45 % C.L. with coverage factor k=2
2. The above Micropipette was within the error limits

\* End of Certificate \*

Calibrated by :  
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