



**CALIBRATION CERTIFICATE**

Certificate Number : MES/201219/C1  
Customer Details : GENERAL HOSPITAL, PALAI.  
Date of Calibration : 19/12/2020  
Next Calibration Due : 18/12/2021 Date of Issue : 19/12/2020

**DETAILS OF DEVICE UNDER CALIBRATION (DUC)**

Nomenclature : MICROPIPETTE Serial No. : GH68614  
Make / Model : THERMO SCIENTIFIC/FINNPIPETTE F3 ID No. : NA  
Equipment Condition : GOOD Resolution : 0.2µL  
Range : 20-200µL Location : ICTC LAB

**DETAILS OF MASTER EQUIPMENT USED**

Nomenclature : Electronic Precision Balance Range : 0 – 220 gm  
Make : Boeco Readability : 0.01/0.1 mg  
Model : BBC-22 Serial No. : 27104178  
Certificate No. : MES/17012020/EB/C1 Calibration Due Date : 16.01.2021

**ENVIRONMENTAL CONDITIONS**

Temperature(°C)	Relative Humidity (%)	Atmospheric Pressure (mbar)	Water Temperature(°C)
27.1	56	1024	27.2

**CALIBRATION RESULTS**

Discipline		Mechanical	Parameter	Volume
Sl no	Set volume	Actual volume	Expanded uncertainty	
	µl	µl	± µl	
1	20	19.96	± 0.17	
2	100	99.93	± 0.179	
3	200	199.92	± 0.173	

**Notes:-**

- The results in this certificate are only related to DUC submitted calibration and valid at the time of calibration under stated condition of measurements
- The measurement uncertainty is estimated at a confidence level of 95.45% with coverage factor k=2.
- Results in this certificate shall not be reproduced except in full without the written approval of this centre.
- Next calibration due date is mentioned as per customer requirement.
- Calibration certificate issued for scientific or industrial purpose only.
- Acceptable error limit is given as per ISO 8655-2:2002(E) Guidelines
- Calibration is carried out as per ISO 8655-6 Guidelines;MES work procedure: MES/WP/VOLUME.

Calibrated by

Prabin K P  
(Calibration Engineer)

Authorized Signatory



Binoj Thomas  
(Technical Manager)