



# G MULTI SERVICES

78, Yahoob Street, Gobichettipalayam, Erode Dist, Tamil Nadu. Pin: 638 452.  
gmultiservicesgobi@gmail.com. Cell : 96597 20654.  
Bio Medical Instruments Services

Er. A. Ibathul Raziq DECE., BE (ICE)  
Bio Medical Engineer

## Calibration Protocol & Report for Medical Equipment

Equipment : PIPETTE  
MAKE : MICROLUX  
MODEL : 5-50 $\mu$ L

PROTECT CLASS /TYPE : Risk Class II  
S. No. : ED/PI/001  
Location : GPHC, EDIYUR

S.No	Measurement Parameters	Status	Remarks
1	<b>Electrical Test</b> (a) Safety Standards (range : 210-240 V) (b) Equipotential ground & Earthing (c) Risk of shock/fire Hazards, if any (d) Chassis & Insulation Resistance (e) Earth & Chassis Leakage Current (f) Battery conditions & charging status	-	-
2	<b>Physical Condition Test</b> (a) Cabinet & Visible damages, if any (b) Risk of mechanical damages, if any	No No	Checked OK
3	<b>Performance Test</b> (a) Mean 99.4 $\mu$ l (b) A -0.6 $\mu$ l (c) Acc % -0.71 (d) CV% -0.36	OK OK OK OK	
4	<b>Calibration Test</b> min volume 5 $\mu$ l max Volume 50 $\mu$ l (ELECTRONIC BALANCEING TEST) (a) A+or - 1.5, 5 $\mu$ l (b) S 1.5 $\mu$ l max Volume 5 $\mu$ l (c) Acc+ or - 1.50, 0.50 (d) CV% 0.40, 0.30	Ok Ok Ok Ok	Tested
Formulated By: Edition Research Laboratory		Issued By: .	User Department:
Endorsed By : Research team head			
Reviewed On: 24.09.23 Next Review : 23.09.24			