



G MULTI SERVICES


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Bio Medical Instruments Services

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Bio Medical Engineer

Calibration Protocol & Report for Medical Equipment

Equipment : PIPETTE
MAKE : MICROLUX
MODEL : 5-50µL

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

S.No	Measurement Parameters	Status	Remarks
1	Electrical Test (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	Physical Condition Test (a) Cabinet & Visible damages, if any (b) Risk of mechanical damages, if any	No No	Checked OK
3	Performance Test (a) Mean 99.3µl (b) A -0.6 µl (c) Acc % -0.71 (d) CV% -0.36	OK OK OK Ok	
4	Calibration Test min volume 10 µl max Volume 100 µl (a) A+ or - 1.5, 5 µl (b) S 1.5 µl max Volume 5 µl (c) Acc+ or - 1.50, 0.50 (d) CV% 0.40, 0.20	Ok Ok Ok Ok	Tested
Formulated By: Edition Research Laboratory		Issued By: User Department:	
Endorsed By : Research team head			
Reviewed On: 25.08.23 Next Review : 24.08.24			