



# G MULTI SERVICES



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Bio Medical Instruments Services

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## Calibration Protocol & Report for Medical Equipment

Equipment : PIPETTE  
MAKE : MICROLUX  
MODEL : 10-100 $\mu$ L

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

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 99.2 $\mu$ l (b) A -0.6 $\mu$ l (c) Acc % -0.71 (d) CV% -0.36	OK OK OK Ok	
4	Calibration Test	min volume 10 $\mu$ l max Volume 100 $\mu$ 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% 0.60,0.20	Ok Ok Ok Ok	Tested
Formulated By: Edition Research Laboratory		Issued By:	User Department:	
Endorsed By : Research team head 				
Reviewed On: 22.09.23 Next Review : 23.09.24				