



# 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 : NA

MODEL : 10-50 $\mu$ L

PROTECT CLASS /TYPE : Risk Class II

S. No. : NA/PI/001

Location : GPHC, NAINARPALAYAM

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 99.6 $\mu$ 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 10 $\mu$ 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
<b>Formulated By:</b> Edition Research Laboratory		<b>Issued By:</b>	<b>User Department:</b>
<b>Endorsed By :</b> Research team head			
Reviewed On: 23.09.23 Next Review : 24.09.24			