



# 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 : FINNPIPETTE F3

MODEL : 10-100 $\mu$ L

PROTECT CLASS /TYPE : Risk Class II

S. No. : RW09780

Location: GPHC, CHINNAPALLI KUPPAM.

| S.No   | Measurement Parameters  | Status  | Remarks                 |
|--|---|---|-------------------------|
| 1  | <b>Electrical Test</b><br>(a) Safety Standards (range : 210-240 V)<br>(b) Equipotential ground & Earthing<br>(c) Risk of shock/fire Hazards, if any<br>(d) Chassis & Insulation Resistance<br>(e) Earth & Chassis Leakage Current<br>(f) Battery conditions & charging status | -   | -                       |
| 2  | <b>Physical Condition Test</b><br>(a) Cabinet & Visible damages, if any<br>(b) Risk of mechanical damages, if any   | No<br>No  | Checked OK              |
| 3  | <b>Performance Test</b><br>(a) Mean 99.2 $\mu$ l<br>(b) A -0.6 $\mu$ l<br>(c) Acc % -0.71<br>(d) CV% -0.36  | OK<br>OK<br>OK<br>Ok  |                         |
| 4  | <b>Calibration Test</b><br>min volume 10 $\mu$ l<br>max Volume 100 $\mu$ l<br><br>(a) A+or - 1.5, 5 $\mu$ l<br>(b) S 1.5 $\mu$ l max Volume 5 $\mu$ l<br>(c) Acc+ or - 1.50, 0.50<br>(d) CV% 0.60, 0.20   | Ok<br>Ok<br>Ok<br>Ok  | Tested                  |
| <b>Formulated By:</b> Edition<br>Research Laboratory |   | <b>Issued By:</b>   | <b>User Department:</b> |
| <b>Endorsed By :</b><br>Research team head<br>R      |   |  |                         |
| Reviewed On: 07.09.23<br>Next Review : 08.09.24      |   |   |                         |