



G MULTI SERVICES

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Bio Medical Instruments Services

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

Calibration Protocol & Report for Medical Equipment

Equipment : SEMI AUTO ANALYSER


MAKE : ALPHA GEM

MODEL : 100

PROTECT CLASS /TYPE : Risk Class I

S. No. : BCA A19050002

Location : UGPHC, ARAKKONAM

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	230 volts 0 to 5 volts No Zero ohms 10mA NA	Stabilizer/UPS With in Ranges Well
2	Physical Condition Test	(a) Cabinet & Visible damages, if any (b) Front Panet/Top lid, buckets, motor assembly & power cord (c) Risk of mechanical damages, if any	No OK No	Checked OK
3	Performance Test	(a) On /Off switch (b) switch & functional tests (c) Running test (d) Abnormalities (e) Display checkup (f) Keypad/indicators & connector	Normal OK OK No Well Well	Ok Perfect Perfect
4	Calibration Test	(a) End Point Test (b) Display checkups (c) Filter selection (d) Record OD (e) Calculation (f) Two Point Test (g) Kinetic Test (h) Result	Done Ok OK OK Well Perfect	Perfect
Formulated By: Edition Research Laboratory		Issued By:	User Department:	
Endorsed By : Research team head				
Reviewed On: 17.09.23 Next Review : 16.09.24				