



# SILICON TECHNOLOGIES

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## Calibration Protocol & Report for Medical Equipment

Equipment: **CENTRIFUGE** Protect Class/Type : Risk class I  
Make : M.C.DALAKLCO S.No : PHC/RK/CEN/001  
Model : 4B Location : **PERIYAKULAM - GPHC**

S.no	Measurement Parameters	Status	Remarks
I	<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 condition & charging status	230volts 0 to 5volts No Zero ohms 10mA NA	Stabilizer/UPS  With in ranges well
II	<b>Physical Condition Test</b> (a). Cabinet & Visible damages, if any (b). Front panel/top lid, buckets, motor assembly & Power cord (c). Risk of mechanical damages, if any	No Ok  No	   Checked ok
III	<b>Performance Test</b> (a). On/off switch (b). Speed regulator switch & functional tests (c). Running test (d). Abnormalities (e). Display checkup (f). Keypad/indicators & connectors	Normal ok accurate Ok No Well Well	ok perfect perfect
IV	<b>Calibration Test</b> (a). Vibration test (b). Speed regulation gradual hike/ wobbling tests (c). Running test with load (d). Display checkup (f). timer test	Done ok ---	perfect 4500 RPM
<b>Formulated By</b> : Einstein Research Laboratory		<b>Issued By</b> :	<b>User Department</b> :
<b>Endorsed By</b> : Research team head		<i>Tap</i>  <i>T.Arunprasad</i>	
<b>Reviewed On</b> : 15.09.23 <b>Next Review</b> : 15.03.24		<b>SILICON TECHNOLOGIES</b> A Biomedical Instrumentation Company COIMBATORE - 641 039 Call: 98652 85754, 81246 75020.	