

**T. ARUN PRASAD, M.Tech. MBA. (Ph.D)**  
Managing Director  
Consultant Biomedical Engineer

GSTIN: 33APLPA 1828A1ZM

### Calibration Protocol & Report for Medical Equipment

Equipment: MICROSCOPE  
Make: LAWRENCE MAYO  
Model:

Protect Class/Type: Risk class II/CF  
S.NO. :LM-52-1710  
Location : MEKALACHINNAMAPALLI -UPHC

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	235 volts 0 to 5 volts No zero ohms 10mA	Stabiliser/ups  Wih in ranges
II	<b>Physical Condition Test</b> (a). Cabinet & Visible damages, if any (b). Spo2 probe, clip, extn cable, Power cord & accessories (c). Risk of mechanical damages, if any)	No ok No	Checked ok
III	<b>Performance Test</b> (a). Halogen light intensity (b). intensity test taken by lux meter for a particular lamp & results (c). Measurement of Lux (d). Lamp life time	Normal Ok  OK ok	Fine brightness perfect 20000 hrs Appx
IV	<b>Calibration Test</b> (a). LED lamps intensity (b). intensity test taken by lux meter for a particular lamp & results (c). Measurement of Lux (d). Lamp life time	Ok Done  1200 lux ok	In range Peak  In range In range
<b>Formulated By:</b> Einstein Research Laboratory		<b>Issued By:</b>	<b>User Department:</b>
<b>Endorsed By:</b> Research team head			
Reviewed On :20.10.2023 Next Review:19.04.2024			