

Calibration Protocol & Report for Medical Equipment

Equipment: **AUTO ANALYSER**

Protect Class/Type: Risk class 2/CF

Make: Prietesttouch

S.No : ATCD3540321RBK

Model: Robonik

Location : Bellarampalli-GPHC

S.no	Measurement Parameters	Status	Remarks
I	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 condition & charging status	230 volts 0 to 5 volts no zero ohms 10mA	Stabliser/ups Wih in ranges
II	Physical Condition Test (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	Performance Test (a). biochemistry test Test (b). photo detector test (c). Optics performance (d). Abnormalities (e). Display checkup (f). Keypad/indicators & connectors	Normal Ok/Wave lenth No Ok Well	Fine clarity Perfect Nm
IV	Calibration Test (a). Input power regulation done (b). SMPS power supply various outputs calibrated -/+3V, 5V, 12V calibration done (c). Power supply to source Cal- (d). Source lamp Sensor Cal-II (range: 1250-1300ohms) (e). Detector sensitivity (range: 370-940nm)	tuning Calibrated Done 6Dc Done 1250ohms Normal	Tuned in range Well
Formulated By: Einstein Research Laboratory		Issued By:	
Endorsed By: Research team head		User Department:	
Reviewed On : 11/10/2023 Next Review: 10/04/2024			