



RAJA MEDICAL SYSTEMS

No.15, V.O.C STREET, COIMBATORE - 641 011. MOBILE : 96263 13796.

Calibration Protocol & Report for Medical Equipment

Equipment : PIPETTE


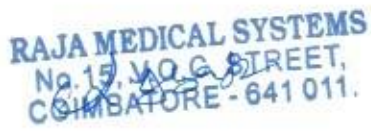
MAKE : THERMOSCIENTIFIC

MODEL : VARIABLE

PROTECT CLASS /TYPE : Risk Class II

S. No. : PW02332

Location : GPHC, KAPPALA

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	-	-
2	Physical Condition Test (a) Cabinet & Visible damages, if any (b) Risk of mechanical damages, if any	No No	Checked OK
3	Performance Test (i) Mean 99.3 μ l (j) A -0.7 μ l (k) Acc % -0.71 (l) CV% -0.36	OK OK OK Ok	
4	Calibration Test min volume 10 μ l max Volume 100 μ l (i) A+or - 1.5 , 5 μ l (j) S 1.5 μ l max Volume 5 μ l (k) Acc+ or - 1.50, 0.50 (l) CV% 0.60, 0.20	Ok Ok Ok Ok	Tested
Formulated By: Einstein Research Laboratory		Issued By:	User Department:
Endorsed By : Research team head 			
Reviewed On: 10.02.23 Next Review : 09.02.24			



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Calibration Protocol & Report for Medical Equipment

Equipment : PIPETTE



MAKE : THERMO SCIENTIFIC

MODEL : 10-100ul

PROTECT CLASS /TYPE : Risk Class II

S. No. : 4640060N

Location : GPHC, KAPPALA

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	-	-
2	Physical Condition Test (a) Cabinet & Visible damages, if any (b) Risk of mechanical damages, if any	No No	Checked OK
3	Performance Test (a) Mean 99.3µl (b) A -0.7 µl (c) Acc % -0.71 (d) CV% -0.36	OK OK OK Ok	
4	Calibration Test volume 10 µl (a) A+ or - 1.5, 5 µl (b) S 1.5 µl max Volume 5 µl (c) Acc+ or - 1.50, 0.50 (d) CV% 0.60, 0.20	Ok Ok Ok Ok	Tested
Formulated By: Einstein Research Laboratory		Issued By:	User Department:
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Calibration Protocol & Report for Medical Equipment

Equipment : PIPETTE


MAKE : THERMOSCIENTIFIC

MODEL : VARIABLE

PROTECT CLASS /TYPE : Risk Class II

S. No. : 071300137

Location : GPHC, KAPPALA

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	-	-
2	Physical Condition Test (a) Cabinet & Visible damages, if any (b) Risk of mechanical damages, if any	No No	Checked OK
3	Performance Test (m) Mean 99.3 μ l (n) A -0.7 μ l (o) Acc % -0.71 (p) CV% -0.36	OK OK OK OK	
4	Calibration Test min volume 100 μ l max Volume 1000 μ l (m) A+or - 1.5 , 5 μ l (n) S 1.5 μ l max Volume 5 μ l (o) Acc+ or - 1.50, 0.50 (p) CV% 0.60, 0.20	Ok Ok Ok Ok	Tested
Formulated By: Einstein Research Laboratory		Issued By:	User Department:
Endorsed By : Research team head 	RAJA MEDICAL SYSTEMS No.15, V.O.C STREET, COIMBATORE - 641 011.		
Reviewed On: 10.02.23 Next Review : 09.02.24			