

2 & 3, Devi Illam, Priya Nagar,

TelungupalayamPirivu,

Coimbatore -641 039, TamilNadu.

T. ARUN PRASAD, M.Tech. MBA. (Ph.D)

Managing Director Consultant Biomedical Engineer **GSTIN: 33APLPA 1828A1ZM**

Calibration Protocol & Report for Medical Equipment

Equipment: MICRO PIPETTE Protect Class/Type: B
Make: FINNPIPETTE S.No: RW12953

Model: 10-1000 µL Location: BELLAMPALLI-GPHC

Wodel. 10-1000 μL			Location :BELLAMPALLI-GPHC			
S.no	S.no Measurement Parameter			Status	Remarks	
ı	Electrical test	(a). oral meth	od digital apparatus	Ok	Well	
11	Physical		Visible damages, if any	No	Checked ok	
	Condition		vitch, digital display, glass	OK		
	Test	(c). Risk of m	echanical damages, if any	No		
H	Performance	(a), Glass visual clarity		Normal	Spares	
	Test	(b).oral sensor edge		Ok	replacement/	
		(c).Abnormalities		No	Checked &	
		(d). Measurement checkup		Ok	measured ok	
		(e). on/off functioning		Well		
		(f). deviations	s, if any	No		
IV	Calibration	(a).digital Zero calibration:		Mercury	Ensured zero level	
	Test	1.zero de	gree(with freezer)	zero level	Fine	
		1	body temp	confirmed		
		100	r/incubator)	/		
			icro litre(water)	Checked		
		(b). Measure	ment correlation test	ok		
		1		with std	1	
			41	machine	*	
Formulated By: Einstein Research Laboratory			Issued By:		User Department:	
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Endorsed By:		18/ 2	151			
Research team		(<u>u</u>) 641 03	9 5			
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Next F	Review: 15.01.20	24				

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Calibration Protocol & Report for Medical Equipment

Equipment: CENTRIFUGE

Protect Class/Type: Risk class 1

Make:LABOTECH

S.No :GPHC/RPM-01

Model:Labotech

Location: BELLAMPALLI-GPHC

WIOUE	bdei:Labotech Loc			cation: BELLAMPALLI-GPHC		
S.no	Measurement	Parameters		Status	Remarks	
1	Electrical test	(b). Equipote (c).Risk of sh (d). Chassis& (e). Earth & (andards (range: 210-240 V) ential ground &Earthing ock/fire Hazards, if any Insulation Resistance Chassis Leakage Current ondition & charging status	230 volts 0 to 5 volts no zero ohms NA	Stabliser/ups Wih in ranges	
II	Physical Condition Test	(b). Spo2 pro	& Visible damages, if any obe, clip, extn cable, Power ssories nechanical damages, if any)	No ok No	Checked ok	
lli .	Performance Test	functional te (c). Running (d).Abnorma (e). Display o	gulator switch & ests test dities	Normal Ok accurate ok Ok Well	Perfect Perfect Ok	
IV	Calibration Test		egulation gradual hike/ test with load checkup	Done ok	Perfect	
Formulated By: Einstein Research Laboratory			Issued By:		User Department:	
Endorsed By: Research team head			E 647039	TION *		
	wed On : 16.07.2 Review: 15.01.20		COMBATOR			

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Calibration Protocol & Report for Medical Equipment

Equipment: MICROSCOPE Protect Class/Type: Risk class II/CF

Make:STD-9 S.NO.:STD-9

Location: BELLAMPALLI-GPHC Model:COSLAB/STD-9 **Status** Remarks S.no **Measurement Parameters** (a). Safety Standards (range: 210-240 V) 235 volts **Electrical** Stabliser/ups (b). Equipotential ground & Earthing 0 to 5 test (c). Risk of shock/fire Hazards, if any volts No Wih in ranges (d). Chassis&Insulation Resistance zero ohms (e). Earth & Chassis Leakage Current 10mA (f). Battery condition & charging status Checked ok No Physical II (a). Cabinet & Visible damages, if any Condition (b). Spo2 probe, clip, extn cable, Power No Test cord & accessories (c). Risk of mechanical damages, if any) Normal Fine (a). Halogen light intensity 111 Performance (b). intensity test taken by lux meter for a brightness Ok Test particular lamp & results perfect (c). Measurement of Lux OK 20000 hrs ok Аррх (d). Lamp life time Ok In range Calibration (a). LED lamps intensity IV Done Peak (b). intensity test taken by lux meter for Test a particular lamp & results 1200 lux In range (c). Measurement of Lux In range (d). Lamp life time ok **User Department:** Formulated By: Einstein Research Issued By: Laboratory **Endorsed By:**

Email: tcabsmedical@gmail.comMobile: 9597089432,9500741818

Research team head

Reviewed On :16.07.2023 Next Review:15.01.2024



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BA. (Ph.D) GSTIN: 33APLPA 1828A1ZM

Managing Director Consultant Biomedical Engineer

Calibration Protocol & Report for Medical Equipment

Equipment: LAB ANALYSER

Make :ROBONIK

Protect Class/Type: Risk class 2 S.No :ATCD3500321RBK

Model:prietest TOUCH

Location: BELLAMPALLI-GPHC

S.no	Measurement	Parameters		Status	Remarks
ı	Electrical	(a). Safety Sta	ndards (range: 210-240 V)	235volts	Stabilizer/UPS
	test		ntial ground &Earthing	0 to 5 volts	With In
		(c).Risk of sho	ock/fire Hazards, if any	no	Ranges
		(d). Chassis&I	nsulation Resistance	zero ohms	
		(e). Earth & C	hassis Leakage Current	10mA	Well
		(f). Battery co	ndition & charging status		
H	Physical	(a). Cabinet 8	& Visible damages, if any	No	Checked ok
	Condition	(b). Switches	, display, optics chamber,	ok	
	Test	Power cord accessories			
		(c) Risk of m	echanical damages, ifany)	1.4	
		(-,		No	
111	Performance	(a). biochemi		Normal	Fine clarity
	Test	(b).photo det	tector test	Ok	Perfect
		(c) Optics per	rformance		Nm
		(d).Abnorma	lities	No	*
		(e). Display checkup (f). Keypad/indicators & connectors		Ok	
				Well	
			5. X 62 F	tuned	41 11
IV	Calibration		wer regulation done	Calibrated	
	Test		wer supply various	Done	
			v,5v,12v calibration done	6VDC	
		(c). power supply to sourceCal -1 (d). Source lamp sensor Cal-II		Found	
				within	1260ohms
		(range: 1250	-1300ohms)	range	
		(e). Detector		normal	
		(range: 370-9	940nm)		
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Labor	atory		300		
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Calibration Protocol & Report for Medical Equipment

Equipment: MICRO PIPETTE Protect Class/Type: B
Make: FINNPIPETTE S.No: RW10194

Model: 10-100 µL Location :PERIYAMUTHUR-GPHC

S.no	Mascuromor	nt Parameters		Status	Remarks
1	Electrical test		d digital apparatus	Ok	Well
II	Physical Condition Test	(b). on/off swit	isible damages, if any cch, digital display, glass chanical damages, if any	No OK No	Checked ok
III	Performanc e Test	(a), Glass visual clarity (b).oral sensor edge (c).Abnormalities (d). Measurement checkup (e). on/off functioning (f). deviations, if any		Normal Ok No Ok Well No	Spares replacement/ Checked & measured ok
IV	Calibration Test	(a).digital Zero calibration: 1.zero degree(with freezer) 2.normal body temp (warmer/incubator) 3.100 micro litre(water) (b). Measurement correlation test		Mercury zero level confirmed / Checked ok with std machine	Ensured zero level Fine
Formulated By: Einstein Research Laboratory			Issued By:	7	User Department:
Endorsed By: Research team head			# 841 039	NION	
	wed On : 16.07 Review: 15.01.2		COMBATORE	,	

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