



SILICON TECHNOLOGIES

2 & 3, Devi Illam, Priya Nagar,
Telungupalayam Pirivu,
Coimbatore - 641 039, TamilNadu.

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

GSTIN : 33APLPA1828A1ZM

Calibration Protocol & Report for Medical Equipment

Equipment: **MICRO PIPETTE** Protect Class/Type : **B**
Make : **THERMO SCIENTIFIC** S.No : **QW10194**
Model : **(100-1000ul)** Location : **KURUMBAPATTI GPHC**

S.no	Measurement Parameters		Status	Remarks
I	Electrical test	(a). oral method digital apparatus	ok	well
II	Physical Condition Test	(a). Cabinet & Visible damages, if any (b). on/off switch, digital display, glass tube visual checkups (c). Risk of mechanical damages, if any	No Ok No	Checked ok
III	Performance 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 tested with i. zero degree (with freezer) ii. normal body temp (warmer/incubator) iii. 100 micro ml (water) (b). Measurement correlation test	zero level confirmed/ Checked ok with std machine	ensured zero level. fine
Formulated By : Einstein Research laboratory		Issued By:	User Department:	
Endorsed By : Research team head	<i>Tap</i>	SILICON TECHNOLOGIES A Biomedical Instrumentation Company <i>T. Arunprasad</i> Cell: 98652 85754, 81246 75020.		
Reviewed On : 13.03.23 Next Review : 13.09.23				



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Calibration Protocol & Report for Medical Equipment

Equipment: **MICRO PIPETTE**

Protect Class/Type : B

Make : THERMO SCIENTIFIC

S.No : PW01736

Model : (100-1000ul)

Location : **KURUMBAPATTI GPHC**

S.no	Measurement Parameters		Status	Remarks
I	Electrical test	(a). oral method digital apparatus	ok	well
II	Physical Condition Test	(a). Cabinet & Visible damages, if any (b). on/off switch, digital display, glass tube visual checkups (c). Risk of mechanical damages, if any	No Ok No	Checked ok
III	Performance 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
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Calibration Protocol & Report for Medical Equipment

Equipment: **MICRO PIPETTE** Protect Class/Type : **B**
Make : THERMO SCIENTIFIC S.No : PW00619
Model : (10-100ul) Location : **KURUMBAPATTI GPHC**

S.no	Measurement Parameters		Status	Remarks
I	Electrical test	(a). oral method digital apparatus	ok	well
II	Physical Condition Test	(a). Cabinet & Visible damages, if any (b). on/off switch, digital display, glass tube visual checkups (c). Risk of mechanical damages, if any	No Ok No	Checked ok
III	Performance 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 tested with i. zero degree (with freezer) ii. normal body temp (warmer/incubator) iii. 100 micro ml (water) (b). Measurement correlation test	zero level confirmed/ Checked ok with std machine	ensured zero level. fine
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