



Certificate No : PHCT/MP/003

CALIBRATION CERTIFICATE

Customer Details		Details of DUC	
GOVT PRIMARY HEALTH CENTRE, KAMALAPANTHY STREET, THIRUVITHANCODE, TAMILNADU-629174		Description	MICROPIPETTE
		Manufactured by	THERMO SCIENTIFIC
		Model	PINN PIPETTE F3
		Serial No.	RW02571
		Identification No.	-
		Range	100-1000 μ L
Location	LABORATORY		

Environmental Conditions		Calibration Details	
Operating Temperature	23 $^{\circ}$ C	Date of Receipt	14/12/2022
		Date of Calibration	19/12/2022
Humidity	55 %	Date of Issue	22/12/2022
		Rec. Due Date	18/06/2023
		Calibrated At	Site
		Cond. On Receipt	Satisfactory

Details of Calibration Standards

Name	Make/Model SI No	Valid up to	Traceability
Electronic Weighing Balance	AND,GR-202/ 14251938	30/09/2023	Equations Calibration Services, Chennai

MECHANICAL CALIBRATION

(Volume)

Parameter	Set Value(μ l)	Measured Value(μ l)	systematic Error($\pm\mu$ l)
Volume	100	100.3	0.3
	500	499.8	0.2
	1000	1000.2	0.2

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GOVT PRIMARY HEALTH CENTRE, KAMALAPANTHY STREET, THIRUVITHANCODE, TAMILNADU-629174	Description	MICROPIPETTE
	Manufactured by	THERMO SCIENTIFIC
	Model	FINN PIPETTE F3
	Serial No.	RW01400
	Identification No.	-
	Range	10-100µL
	Location	LABORATORY

Environmental Conditions		Calibration Details	
Operating Temperature	23°C	Date of Receipt	14/12/2022
		Date of Calibration	19/12/2022
		Date of Issue	22/12/2022
Humidity	55 %	Rec. Due Date	18/06/2023
		Calibrated At	Site
		Cond. On Receipt	Satisfactory

Details of Calibration Standards

Name	Make/Model SI No	Valid up to	Traceability
Electronic Weighing Balance	AND,GR-202/ 14251938	30/09/2023	Equations Calibration Services, Chennai

MECHANICAL CALIBRATION

(Volume)

Parameter	Set Value(µl)	Measured Value(µl)	systematic Error(±µl)
Volume	10	10.1	0.1
	50	49.8	0.2
	100	100.2	0.2

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ID No : GPHCT/005



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CALIBRATION CERTIFICATE

Customer Details	Details of DUC	
GOVT PRIMARY HEALTH CENTRE, KAMALAPANTHY STREET, THIRUVITHANCODE, TAMILNADU-629174	Description	CENTRIFUGE
	Manufactured by	NIL
	Model	NIL
	Serial No.	NIL
	Identification No.	NIL
	Location	LABORATORY

Environmental Conditions		Calibration Details	
Operating Temperature	24°C	Date of Receipt	13/12/2022
Humidity	63 %	Date of Calibration	13/12/2022
		Date of Issue	15/12/2022
		Due Date of calibration	12/12/2023
		Calibrated At	Site

Details of Calibration Standards

Name	Manufacturer	Serial No.	Valid up to	Traceability
Electrical safety analyser	Fluke / ESA 615	2244039	26/09/2023	Accuver calibration laboratory co llc
Digital Tacho Meter	Amprobe	BMT TACHO 031	30/09/2023	Equations, Chennai

Performance Analysis

Parameter	Set Value(RPM)	Measured Value(RPM)	Tolerance	Error Observed (±RPM)
RPM	1500	1502	±5 %	2
	2000	2008	±5 %	8

Date No : GPHCT/007


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CALIBRATION CERTIFICATE

Customer Details	Details of DUC	
GOVT PRIMARY HEALTH CENTRE, KAMALAPANTHY STREET, THIRUVITHANCODE, TAMILNADU-629174	Description	BIOCHEMISTRY ANALYZER
	Manufactured by	ROBONIK
	Model	PRIETEST TOUCH
	Serial No.	ATCD4060321RBK
	Identification No.	NIL
	Location	LABORATORY

Environmental Conditions		Calibration Details	
Operating Temperature	24°C	Date of Receipt	13/12/2022
Humidity	63 %	Date of Calibration	13/12/2022
		Date of Issue	15/12/2022
		Due Date of calibration	12/12/2023
		Calibrated At	Site

Details of Calibration Standards

Name	Manufacturer	Serial No.	Valid up to	Traceability
Electrical safety analyser	Fluke / ESA 615	2244039	26/09/2023	Accuver calibration laboratory co llc

Electrical Safety Test

Parameter	Measured Value	Tolerance	Remarks
Ground wire Resistance	0.184 Ω	<0.3 Ω	pass
insulation Resistance	OL	> 2 M Ω	pass
Chassis Leakage Current *NC	0.233μA	<100 μA	Pass
Chassis Leakage Current *SFC	0.50μA	<500 μA	Pass
Patient Leakage Current - B	0.81 μA	<100μA	pass