



10.0

0.5-10 µl



FINNPIPETTE® F3

10.0

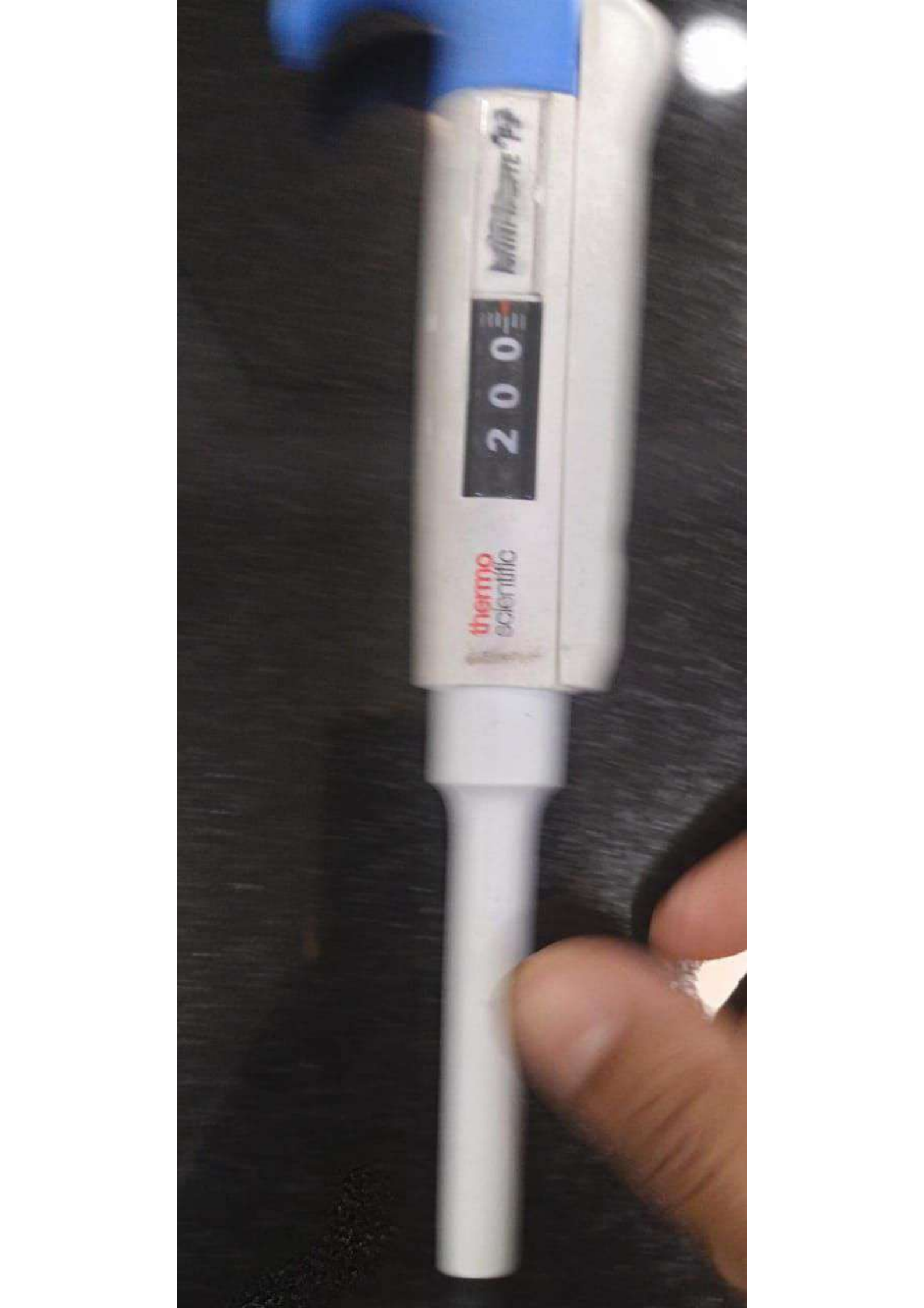
thermo  
scientific





1000

100-10000  $\mu$ l



Multi-Channel Pip

200

thermo scientific





100

20-200µl





# GLOBAL TECHNICAL SERVICES

Sec. No.25, Plot No.49/3, L.I.G. Colony, Pradhikaran, Nigdi, Pune - 411044

Email : globaltechnical007@gmail.com

Mob : 9921239827 / 7276470703 / 9028888728



CC-2957

## CALIBRATION CERTIFICATE

**1.CUSTOMER**  
AROGYAM PATHOLOGY CENTRE  
TONKA, CARANZALEM, GOA

Page No. :- 1 of 1  
Certificate No. :- GTS/211013/01-001  
Date of Received :- 13.10.2021  
Date of Calibration :- 13.10.2021  
Next Calibration Due On :- 12.10.2022  
Issue Date :- 20.10.2021  
Calibration method No. :- MECH-WI-06  
ULR No :- CC295721000007144P

Ambient Temp. (°C) :- 23.6  
Relative Humidity (%RH) :- 52  
Barometric Pressure (mbar) :- 943.0  
Location of calibration :- In Lab  
Condition of Item :- Ok

### 2. Description of Item

Name :- Micropipette Range :- 0.5 to 10 µl  
Id No :- APC/PIP/01 Least Count :- 0.1 µl  
Make :- ERBA Location :- LAB  
Type :- Variable Sr No :- JR 04853  
Dept Pathology

### 3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/010621/001	Nishitronics Instrumentation	GTS/WB-01	31.05.2022

### \*Mechanical Calibration

### 4.Calibration Results

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
5	4.9817	5	0.0183	1.50
10	9.9609	10	0.0391	1.50

### Note:

- 1)The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor  $k=2$ , which corresponds to a coverage probability of approximately 95.45% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Global Technical Services".

Calibrated By

S.C  
Calibration Engineer  
Shafik.C

RF-51/00



Approved By

Swapnil Bhagawat  
Technical Manager

End of Certificate

Email : globaltechnical007@gmail.com





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**1.CUSTOMER** :-  
**AROGYAM PATHOLOGY CENTRE**  
TONKA, CARANZALEM, GOA

Page No. :- 1 of 1  
Certificate No. :- GTS/211013/01-008  
Date of Received :- 13.10.2021  
Date of Calibration :- 13.10.2021  
Next Calibration Due On :- 12.10.2022  
Issue Date :- 20.10.2021  
Calibration method No. :- MECH-WI-06  
ULR No :- CC295721000007149F

Ambient Temp. (°C) :- 24.4  
Relative Humidity (%RH) :- 49  
Barometric Pressure (mbar) :- 944.6  
Location of calibration :- In Lab  
Condition of Item :- Ok

### 2. Description of Item

Name :- Micropipette Range :- 100 to 1000 µl  
Id No :- APC/PIP/06 Least Count :- 1 µl  
Make :- Finnpiette Location :- LAB  
Type :- Variable Sr No :- RW 22142  
Dept Pathology

### 3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/010621/001	Nishitronics Instrumentation	GTS/WB-01	31.05.2022

### \*Mechanical Calibration

### 4.Calibration Results

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
100	99.6064	100	0.3936	1.50
500	498.0130	500	1.9870	1.50
1000	996.3816	1000	3.6184	1.50

#### Note:

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Calibrated By

S.C  
Calibration Engineer  
Shafik.C



Approved By

STB  
Technical Manager  
Swapnil Bhagawat

RF-51/00

End of Certificate

Email : globaltechnical007@gmail.com





CC-2204

Nishitronics  
Instrumentation

▶ Calibration &amp; Inspection

▶ Calibration & Inspection of Weighing Scales  
We work for Customer's Satisfaction

CALIBRATION CERTIFICATE				
<b>CUSTOMER</b>	Global Technical Services Sec. No-25, Plot No-19/3 HIG Colony Pradhikaran Nigdi Pune 411014	Page No	1 of 2	
Amb Temp	23 ± 5 °C	Discipline	Mechanical	
Rh	50 ± 10 %	ULR No	ULR-CC2294210000029511	
Location of calibration	SIH	Certificate No	NI/GTS/010621/001	
Characteristic and	OK	Date of issue	02/06/2021	
Condition of items		Date of receipt	01/06/2021	
		Date of calibration	01/06/2021	
		Cal Req No	NI/GTS/010621/001	
		Next Due Date	31/05/2022	
		Parameter	MASS	
		Calibration method no	NI / CP / M / 02	
<b>Details of Items</b>				
Name	Dig Weighing Balance	Range	0 to 200 g	
ID NO	GTS/WB-01	Least Count	0.01 mg & 0.1 mg	
Make	Mettler	Loc	..	
Sr No	B850919896	Accuracy	Class A	
Model	MS205DU			
<b>Details of Equipment used for Calibration</b>				
Description	Set of Weight From 1 mg To 200 g			
Sr No / ID No	NI/WE1/01			
Calibrated By	LCGC Truval and Services LLP			
Certificate No	1C/4806/2019			
Validity	07/01/2022			
<b>OBSERVATION</b>				
Cal Point	Mass of Ref Weight g	UUC Reading g	Correction In g	Expanded Uncertainty In ± g
1 mg	0.0010003	0.00101	0.000010	0.000022
10 mg	0.0100012	0.01000	-0.000001	0.000022
100 mg	0.1000005	0.10001	0.000009	0.000022
200 mg	0.1999999	0.20001	0.000011	0.000022
500 mg	0.5000025	0.50002	0.000018	0.000022
1 g	1.0000035	1.00000	0.000000	0.000022
2 g	2.0000012	2.00002	0.000002	0.000022
5 g	5.0000040	4.99999	-0.000001	0.000022
10 g	10.000013	9.99997	-0.000004	0.000022
50 g	49.99999	50.00003	0.000004	0.000022
100 g	99.99999	99.99998	-0.000019	0.0001
200 g	199.99995	199.99985	-0.00145	0.0001
UUC - Unit Under Calibration				
<b>Repeatability Check ( For Max ) : 230 g</b>				
Cal Point	Mass of Ref Weight g	Observation Sr No	UUC Reading g	Standard Deviation in g
200 g	199.99995	1	199.9985	0.000042
		2	199.9985	
		3	199.9985	
		4	199.9986	
		5	199.9985	
		6	199.9985	
		7	199.9985	
		8	199.9985	
		9	199.9986	
		10	199.9985	



at No 1 Gurukrupa Building Plot No 19/3 Mahesh Co-op Hsg Soc. Browewadi, Pune 411037  
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CC-2957

## CALIBRATION CERTIFICATE

### 1. CUSTOMER

AROGYAM PATHOLOGY CENTRE  
TONKA, CARANZALEM, GOA

Page No. :- 1 of 1  
Certificate No. :- GTS/211013/01-002  
Date of Received :- 13.10.2021  
Date of Calibration :- 13.10.2021  
Next Calibration Due On :- 12.10.2022  
Issue Date :- 20.10.2021  
Calibration method No. :- MECH-WI-06  
ULR No :- CC295721000007145F

Ambient Temp. (°C) :- 24.3  
Relative Humidity (%RH) :- 52  
Barometric Pressure (mbar) :- 942.7  
Location of calibration :- In Lab  
Condition of Item :- Ok

### 2. Description of Item

Name :- Micropipette Range :- 5 to 50 µl  
Id No :- APC/PIP/02 Least Count :- 0.1 µl  
Make :- Finn pipette Location :- LAB  
Type :- Variable Sr No :- RW 22176  
Dept Pathology

### 3. Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/010621/001	Nishitronics Instrumentation	GTS/WB-01	31.05.2022

### \*Mechanical Calibration

### 4. Calibration Results

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
5	4.9821	5	0.0179	0.50
25	24.9075	25	0.0925	1.50
50	49.8065	50	0.1935	1.50

#### Note:

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Calibrated By

S.C  
Calibration Engineer  
Shafik.C



Approved By

SMB  
Technical Manager  
Swapnil Bhagawat

RF-51/00

End of Certificate





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## CALIBRATION CERTIFICATE

<b>1.CUSTOMER</b>		Page No.	:- 1 of 1	
<b>AROGYAM PATHOLOGY CENTRE</b>		Certificate No.	:- GTS/211013/01-005	
TONKA, CARANZALEM, GOA		Date of Received	:- 13.10.2021	
		Date of Calibration	:- 13.10.2021	
		Next Calibration Due On	:- 12.10.2022	
		Issue Date	:- 20.10.2021	
Ambient Temp. (°C)	:- 24.2	Calibration method No.	:- MECH-WI-06	
Relative Humidity (%RH)	:- 52	ULR No	:- CC295721000007148F	
Barometric Pressure (mbar)	:- 943.3			
Location of calibration	:- In Lab			
Condition of Item	:- Ok			

<b>2. Description of Item</b>				
Name	:- Micropipette	Range	:-	500 µl
Id No	:- APC/PIP/05	Least Count	:-	- µl
Make	:- Finnpiette	Location	LAB	
Type	fix	Sr No	QW 10443	
		Dept	Pathology	

<b>3.Details of Equipment used for calibration</b>				
Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/010621/001	Nishitronics Instrumentation	GTS/WB-01	31.05.2022

### \*Mechanical Calibration

<b>4.Calibration Results</b>				
Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
500	499.2228	500	0.7772	1.50

**Note:**

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Shafik.C

Approved By  
  
Technical Manager  
Swapnil Bhagawat

RF-51/00 End of Certificate