



# GLOBAL TECHNICAL SERVICES

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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:

- 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, Pune".

Calibrated By

S.C  
Calibration Engineer  
Shafik.C



Approved By

SMB  
Technical Manager  
Swapnil Bhagawat

RF-51/00

End of Certificate