



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/211013/01-007
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 :- CC295721000007150F

Ambient Temp. (°C) :- 23.8
Relative Humidity (%RH) :- 49
Barometric Pressure (mbar) :- 943.6
Location of calibration :- In Lab
Condition of Item :- Ok

2. Description of Item

Name :- Micropipette Range :- 101 to 1000 µl
Id No :- APC/PIP/07 Least Count :- 5 µl
Make :- ERBA Location :- LAB
Type :- Variable Sr No :- JR 04798
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	99.6456	100	0.3544	1.50
500	498.2242	500	1.7758	1.50
1000	996.0412	1000	3.9588	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

Email : globaltechnical007@gmail.com