GLOBAL TECHNICAL SERVICES
Sec. No.25, Plot No.49/3, L.I.G. Colony, Pradhikaran, Nigdi, Pune - 411044
Email : globaltechnical007@gmail.com
Mob : 9921239827 / 7276302207 / 9028888728

CC-2957

CALIBRATION CERTIFICATE

1.CUSTOMER	:-	Page No.	:- 1 of 1
		SRF No	:- GTS/240216/05
PAYAS PATHOLOGY LABORATORY		Certificate No.	:- GTS/240216/05-001
Dehu Gaon,Pune		Date of Received	:- 16.02.2024
		Date of Calibration	:- 16.02.2024
		Next Calibration Due On	:- 15.02.2025
		Issue Date	:- 21.02.2024
Ambient Temp. (ºC)	:- 23.6	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 52	ULR No	:- CC295724000005548F
Barometric Pressure (mbar)	:- 944.5		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item

Name	:- Micropipette	Range	:- 100 to 1000 µl
Id No	:- MP/PPL/01	Least Count	:- 5 µl
Make	:- Merilette	Location	:- Lab
Type	:- Variable	Dept.	:- Pathology
		Sr No	:- MD55047/21

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI2023/05/0163	Nishitronics Instrumentation	GTS/WB-01	19.05.2024

***Mechanical Calibration**

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
100	99.6275	100	0.3725	4.30
500	498.0409	500	1.9591	4.30
1000	996.0069	1000	3.9931	4.30

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

V.T.

Calibration Engineer
Varsha T.

GLOBAL TECHNICAL SERVICES GTS PUNE

Approved By

Technical Manager
Swapnil Bhagwat

RF-51/00

End of Certificate

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CALIBRATION CERTIFICATE

1.CUSTOMER :-

PAYAS PATHOLOGY LABORATORY
Dehu Gaon,Pune

Page No.	:- 1 of 1
SRF No	:- GTS/240216/05
Certificate No.	:- GTS/240216/05-002
Date of Received	:- 16.02.2024
Date of Calibration	:- 16.02.2024
Next Calibration Due On	:- 15.02.2025
Issue Date	:- 21.02.2024
Calibration method No.	:- MECH-WI-06
ULR No	:- CC295724000005549F

Ambient Temp. (ºC)	:- 23.6
Relative Humidity (%RH)	:- 53
Barometric Pressure (mbar)	:- 943.5
Location of calibration	:- In Lab
Condition of Item	:- Ok

2. Description of Item

Name	:- Micropipette	Range	:- 5 to 50 µl
Id No	:- MP/PPL/02	Least Count	:- 5 µl
Make	:- Merilette	Location	:- Lab
Type	:- Variable	Dept.	:- Pathology
		Sr No	:- 22205555

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI2023/05/0163	Nishitronics Instrumentation	GTS/WB-01	19.05.2024

***Mechanical Calibration**

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
10	9.9608	10	0.0392	4.30
25	24.9062	25	0.0938	4.30
50	49.8011	50	0.1989	4.30

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
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Calibration Engineer
Varsha T.

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Swapnil Bhagwat

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End of Certificate

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Dehu Gaon,Pune

Page No.	:- 1 of 1
SRF No	:- GTS/240216/05
Certificate No.	:- GTS/240216/05-003
Date of Received	:- 16.02.2024
Date of Calibration	:- 16.02.2024
Next Calibration Due On	:- 15.02.2025
Issue Date	:- 21.02.2024
Calibration method No.	:- MECH-WI-06
ULR No	:- CC295724000005550F

Ambient Temp. (°C)	:- 24.2
Relative Humidity (%RH)	:- 53
Barometric Pressure (mbar)	:- 942.7
Location of calibration	:- In Lab
Condition of Item	:- Ok

2. Description of Item

Name	:- Micropipette	Range	:- 100 to 1000 µl
Id No	:- MP/PPL/03	Least Count	:- 5 µl
Make	:- Merilette	Location	:- Lab
Type	:- Variable	Dept.	:- Pathology
		Sr No	:- 19218226

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI2023/05/0163	Nishitronics Instrumentation	GTS/WB-01	19.05.2024

***Mechanical Calibration**

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
100	99.6491	100	0.3509	4.30
500	498.1441	500	1.8559	4.30
1000	996.0117	1000	3.9883	4.30

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
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End of Certificate

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Page No.	:- 1 of 1
SRF No	:- GTS/240216/05
Certificate No.	:- GTS/240216/05-004
Date of Received	:- 16.02.2024
Date of Calibration	:- 16.02.2024
Next Calibration Due On	:- 15.02.2025
Issue Date	:- 21.02.2024
Calibration method No.	:- MECH-WI-06
ULR No	:- CC295724000005551F

Ambient Temp. (°C)	:- 23.6
Relative Humidity (%RH)	:- 51
Barometric Pressure (mbar)	:- 943.3
Location of calibration	:- In Lab
Condition of Item	:- Ok

2. Description of Item

Name	:- Micropipette	Range	:- 5 to 50 µl
Id No	:- MP/PPL/04	Least Count	:- 5 µl
Make	:- pipett man	Location	:- Lab
Type	:- Variable	Dept.	:- Pathology
		Sr No	:- 43337

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI2023/05/0163	Nishitronics Instrumentation	GTS/WB-01	19.05.2024

***Mechanical Calibration**

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
10	9.9605	10	0.0395	4.30
25	24.9029	25	0.0971	4.30
50	49.8224	50	0.1776	4.30

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
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End of Certificate