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 :-

SANJEEVANI LABORATORY
MANGAON, DIST. RAIGAD

		Page No.	:- 1 of 1
		SRF No	:- GTS/221019/05
		Certificate No.	:- GTS/221019/05- 001
		Date of Received	:- 19.10.2022
		Date of Calibration	:- 19.10.2022
		Next Calibration Due On	:- 18.10.2023
		Issue Date	:- 22.10.2022
Ambient Temp. (°C)	:- 23± 4	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 30 to 75	ULR No	:- CC295722000010562F
Barometric Pressure (mbar)	:- 942.8		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item

Name	:- Micropipette	Range	:- 100 µl
Id No	:- SL/PIP/01	Least Count	:- --
Make	:- Dragon Lab	Location	:- Pathology Lab
Type	:- Fixed	Sr No	:- YE178AF0073705
		Dept.	:- Pathology

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/300522/001	Nishitronics Instrumentation	GTS/WB-01	29.05.2023

***Mechanical Calibration**

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
100	99.6317	100	0.3683	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

P. T.

Calibration Engineer
Poonam.T

GLOBAL TECHNICAL SERVICES GTS PUNE

Approved By

Technical Manager
Swapnil Bhagawat

RF-51/00

End of Certificate

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		Page No.	:- 1 of 1
		SRF No	:- GTS/221019/05
		Certificate No.	:- GTS/221019/05- 002
		Date of Received	:- 19.10.2022
		Date of Calibration	:- 19.10.2022
		Next Calibration Due On	:- 18.10.2023
		Issue Date	:- 22.10.2022
Ambient Temp. (ºC)	:- 23± 4	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 30 to 75	ULR No	:- CC295722000010563F
Barometric Pressure (mbar)	:- 944.1		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item

Name	:- Micropipette	Range	:- 5 to 50 µl
Id No	:- SL/PIP/02	Least Count	:- 0.5 µl
Make	:- Dragon Lab	Location	:- Pathology Lab
Type	:- Variable	Sr No	:- YE181AG0180972
		Dept.	:- Pathology

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/300522/001	Nishitronics Instrumentation	GTS/WB-01	29.05.2023

***Mechanical Calibration**

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
10	9.9638	10	0.0362	4.30
25	24.9003	25	0.0997	4.30
50	49.8175	50	0.1825	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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		Page No.	:- 1 of 1
		SRF No	:- GTS/221019/05
		Certificate No.	:- GTS/221019/05- 003
		Date of Received	:- 19.10.2022
		Date of Calibration	:- 19.10.2022
		Next Calibration Due On	:- 18.10.2023
		Issue Date	:- 22.10.2022
Ambient Temp. (ºC)	:- 23± 4	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 30 to 75	ULR No	:- CC295722000010564F
Barometric Pressure (mbar)	:- 943.6		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item

Name	:- Micropipette	Range	:- 100 to 1000 µl
Id No	:- SL/PIP/03	Least Count	:- 5 µl
Make	:- Dragon Lab	Location	:- Pathology Lab
Type	:- Variable	Sr No	:- YE16BAA0089332
		Dept.	:- Pathology

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/300522/001	Nishitronics Instrumentation	GTS/WB-01	29.05.2023

***Mechanical Calibration**

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
100	99.6358	100	0.3642	4.30
500	498.2047	500	1.7953	4.30
1000	996.3407	1000	3.6593	4.30

Note:
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SRF No	:- GTS/221019/05
Certificate No.	:- GTS/221019/05- 004
Date of Received	:- 19.10.2022
Date of Calibration	:- 19.10.2022
Next Calibration Due On	:- 18.10.2023
Issue Date	:- 22.10.2022
Calibration method No.	:- MECH-WI-06
ULR No	:- CC295722000010565F

Ambient Temp. (°C)	:- 23± 4
Relative Humidity (%RH)	:- 30 to 75
Barometric Pressure (mbar)	:- 942.3
Location of calibration	:- In Lab
Condition of Item	:- Ok

2. Description of Item

Name	:- Micropipette	Range	:- 100 to 1000 µl
Id No	:- SL/PIP/04	Least Count	:- 5 µl
Make	:- Dragon Lab	Location	:- Pathology Lab
Type	:- Variable	Sr No	:- YE16BAA0089319
		Dept.	:- Pathology

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/300522/001	Nishitronics Instrumentation	GTS/WB-01	29.05.2023

***Mechanical Calibration**

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
100	99.6305	100	0.3695	4.30
500	498.0121	500	1.9879	4.30
1000	996.4200	1000	3.5800	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