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/210907/01
SP HITECH PATHOLOGY LABORATORY		Certificate No.	:- GTS/220525/02- 006
Trimurti Plaza,Near Pavana Sahakari Bank,		Date of Received	:- 25.05.2022
Somatane Phata Talegaon Dabhade Somatane Phata,		Date of Calibration	:- 25.05.2022
Talegaon Dabhade, PCMC, Pune, Maharashtra 410506		Next Calibration Due On	:- 24.05.2023
		Issue Date	:- 27.05.2022
Ambient Temp. (°C)	:- 23± 4	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 30 to 75	ULR No	:- CC298722000004115F
Barometric Pressure (mbar)	:- 942.2		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item

Name	:- Micropipette	Range	:- 100 To 1000 µl
Id No	:- SPHL/EQ/MPT/08	Least Count	:- 1 µl
Make	:- Thermoscintific	Location	:- Biochimstery
Type	:- Variable	Sr No	:- QW03862

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	99.6478	100	0.3522	4.30
500	498.1467	500	1.8533	4.30
1000	996.4442	1000	3.5558	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

End of Certificate

RF-51/00

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1.CUSTOMER	:-	Page No.	:- 1 of 1
		SRF No	GTS/210907/01
SP HITECH PATHOLOGY LABORATORY		Certificate No.	:- GTS/220525/02- 008
Trimurti Plaza,Near Pavana Sahakari Bank,		Date of Received	:- 25.05.2022
Somatane Phata Talegaon Dabhade Somatane Phata,		Date of Calibration	:- 25.05.2022
Talegaon Dabhade, PCMC, Pune, Maharashtra 410506		Next Calibration Due On	:- 24.05.2023
		Issue Date	:- 27.05.2022
Ambient Temp. (°C)	:- 23± 4	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 30 to 75	ULR No	:- CC298722000004117F
Barometric Pressure (mbar)	:- 942.8		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item

Name	:- Micropipette	Range	:- 5 To 50 µl
Id No	:- SPHL/EQ/MPT/06	Least Count	:- 0.1 µl
Make	:- Thermoscintific	Location	:- Biochimstery
Type	:- Variable	Sr No	:- GT29018

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
10	9.9632	10	0.0368	4.30
30	29.8816	30	0.1184	4.30
50	49.8101	50	0.1899	4.30

Note:
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		SRF No	GTS/210907/01
SP HITECH PATHOLOGY LABORATORY		Certificate No.	:- GTS/220525/02- 007
Trimurti Plaza,Near Pavana Sahakari Bank,		Date of Received	:- 25.05.2022
Somatane Phata Talegaon Dabhade Somatane Phata,		Date of Calibration	:- 25.05.2022
Talegaon Dabhade, PCMC, Pune, Maharashtra 410506		Next Calibration Due On	:- 24.05.2023
		Issue Date	:- 27.05.2022
Ambient Temp. (°C)	:- 23± 4	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 30 to 75	ULR No	:- CC298722000004116F
Barometric Pressure (mbar)	:- 942.2		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item

Name	:- Micropipette	Range	:- 20 To 200 µl
Id No	:- SPHL/EQ/MPT/07	Least Count	:- 0.2 µl
Make	:- Thermoscintific	Location	:- Biochimstery
Type	:- Variable 0	Sr No	:- HH49118

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
20	19.9282	20	0.0718	4.30
100	99.6018	100	0.3982	4.30
200	199.2007	200	0.7993	4.30

Note:
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		SRF No	GTS/210907/01
SP HITECH PATHOLOGY LABORATORY		Certificate No.	:- GTS/220525/02- 009
Trimurti Plaza,Near Pavana Sahakari Bank,		Date of Received	:- 25.05.2022
Somatane Phata Talegaon Dabhade Somatane Phata,		Date of Calibration	:- 25.05.2022
Talegaon Dabhade, PCMC, Pune, Maharashtra 410506		Next Calibration Due On	:- 24.05.2023
		Issue Date	:- 27.05.2022
Ambient Temp. (°C)	:- 23± 4	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 30 to 75	ULR No	:- -
Barometric Pressure (mbar)	:- 942.2		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item

Name	:- Micropipette	Range	:- 5 µl
Id No	:- SPHL/EQ/MPT/09	Least Count	:- Fixed µl
Make	:- Grand 6	Location	:- Biochimstery
Type	:- Fixed	Sr No	:- ---

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	4.9813	5	0.0187	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
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