



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



CERTIFICATE NO. : CC-2957

CALIBRATION CERTIFICATE

1.CUSTOMER :- sadhbhavan pathology lab Shop no 3, Trimurti Complex, Opp to SBI, Pune Hwy, next to Sharad Sahakari Bank, Bail Bazar, Manchar, Maharashtra, 410503.	Page No. :- 1 of 1 Certificate No. :- GTS/210526/01-001 Date of Received :- 26.05.2021 Date of Calibration :- 26.05.2021 Next Calibration Due On :- 25.05.2022 Issue Date :- 28.05.2021 Calibration method No. :- MECH-WI-06 ULR No :- CC295721000004072F
Ambient Temp. (°C) :- 23.7 Relative Humidity (%RH) :- 49 Barometric Pressure (mbar) :- 944.8 Location of calibration :- In Lab Condition of Item :- Ok	

2. Description of Item

Name :- Micro-pipette	Range :- 100-1000 µl
Id No :- PD747840	Least Count :- 5 µl
Make :- Erba	Location :- PATHOLOGY
Type :- Varibal	

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/030620/004	Nishitronics Instrumentation	GTS/WB-01	02.06.2021

*Mechanical Calibration

4.Calibration Results :-

Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
100	99.9908	100	0.0092	1.50
500	499.9739	500	0.0261	1.50
1000	999.8501	1000	0.1499	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

Sw
Technical Manager
Swapnil Bhagawat

RF-51/00

End of Certificate



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1.CUSTOMER :- sadhbhavan pathology lab Shop no 3, Trimurti Complex, Opp to SBI, Pune Hwy, next to Sharad Sahakari Bank, Bail Bazar, Manchar, Maharashtra, 410503.	Page No. :- 1 of 1 Certificate No. :- GTS/210526/01-003 Date of Received :- 26.05.2021 Date of Calibration :- 26.05.2021 Next Calibration Due On :- 25.05.2022 Issue Date :- 28.05.2021 Calibration method No. :- MECH-WI-07 ULR No :- CC295721000004074F
Ambient Temp. (°C) :- 28.7 Relative Humidity (%RH) :- 49 Location of calibration :- On Site Condition of Item :- Ok	

2. Description of Item

Name :- Centrifuge	Range :- 0-3500 Rpm
Sr No :- CF-01	Least Count :-
Make :- Labron	Location :- PATHOLOGY
Type :- Knob	

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID No.	Calibration Validity
Digital Tachometer	NI/2006/002/002	Nishitronics Instrumentation	GTS/TM/01	01.06.2021

*Mechanical Calibration

4.Calibration Results :-

Sr No	Standard Reading RPM	Knob No on UUC	Expanded Uncertainty in ± %
1	847.8	1	1.20
2	1443	2	1.20
3	2415	3	1.20
4	2804	4	1.20
5	3445	5	1.20

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- 6) Conformity With Requirements :-

Calibrated By

Calibration Engineer
D Ballal



Approved By

Technical Manager
Swapnil Bhagwat

End of Certificate

RF-55/01



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CALIBRATION CERTIFICATE

1.CUSTOMER		Page No.	: - 1 of 1
sadhbhavan pathology lab		Certificate No.	: - GTS/210526/01-002
Shop no 3, Trimurti Complex, Opp to SBI,		Date of Received	: - 26.05.2021
Pune Hwy, next to Sharad Sahakari Bank,		Date of Calibration	: - 26.05.2021
Bail Bazar, Manchar, Maharashtra, 410503.		Next Calibration Due On	: - 25.05.2022
Ambient Temp. (°C) :- 23.5		Issue Date	: - 28.05.2021
Relative Humidity (%RH) :- 53		Calibration method No.	: - MECH-WI-06
Barometric Pressure (mbar) :- 944.0		ULR No	: - CC295721000004073F
Location of calibration :- In Lab			
Condition of Item :- Ok			

2. Description of Item			
Name	: - Micropipette	Range	: - 5 To 50 µl
Id No	: - P546746	Least Count	: - 0.5 µl
Make	: - Erba	Location	: - PATHOLOGY
Type	: - Variable		

3.Details of Equipment used for calibration				
Name	Certificate No.	Certified By	ID/Sr. No.	Calibration Validity
Weighing Balance	NI/GTS/030620/004	Nishitronics Instrumentation	GTS/WB-01	02.06.2021

*Mechanical Calibration

4.Calibration Results				
Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
10	9.9982	10	0.0018	0.20
30	29.9896	30	0.0104	1.50
50	49.9805	50	0.0195	1.50

Note:
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Calibrated By 		Approved By
Calibration Engineer Shafik C		Technical Manager Swapnil Bhagawat

RF-51/00 End of Certificate



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CALIBRATION CERTIFICATE

1.CUSTOMER :-

sadhbhavan pathology lab
Shop no 3, Trimurti Complex, Opp to SBI,
Pune Hwy, next to Sharad Sahakari Bank,

Ambient Temp. (°C) :- 26.0
Relative Humidity (%RH) :- 51
Location of calibration :- In Lab
Condition of Item :- Ok

Page No. :- 1 of 1
Certificate No. :- GTS/210526/01-004
Date of Received :- 26.05.2021
Date of Calibration :- 26.05.2021
Next Calibration Due On :- 25.05.2022
Issue Date :- 24.05.2021
Calibration method No. :- TH-WI-02

2. Description of Item

Name :- Thermohygrometer
Id No :- TH-01
Make :- HTC
Type :- Digital
Range :- 10 To 70°C /10 to 99%RH
Least Count :- 0.1 °C /1 %RH
Location :- PATHOLOGY

3.Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID No.	Calibration Validity
Thermo-Hygrometer	GTS/CAL-2005/28-001	Technocal	GTS/HYG-01	27.05.2021

*Thermal Calibration

4.Calibration Results :-

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Unc. in ± °C
20	20.02	20.2	0.18	0.80
30	30.05	30.3	0.25	0.80
40	40.12	40.4	0.28	0.80
%RH	%RH	%RH	%RH	in ± %RH
30	30.15	30	-0.15	2.80
50	50.26	51	0.74	2.80
80	80.36	82	1.64	2.80

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Calibrated By

D.B

Calibration Engineer

D Ballal



Approved By

Sw

Technical Manager
Swapnil Bhagwat

RF-55/01

End of Certificate

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