



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
NOBEL HEALTH LABORATORY		SRF No	:- GTS/230224/04
MHAPSA, GOA		Certificate No.	:- GTS/230224/04-001
		Date of Received	:- 24.02.2023
		Date of Calibration	:- 24.02.2023
		Next Calibration Due On	:- 23.02.2024
		Issue Date	:- 27.02.2023
Ambient Temp. (°C)	:- 24.2	Calibration method No.	:- MECH-WI-06
Relative Humidity (%RH)	:- 52	ULR No	:- CC295723000001619F
Barometric Pressure (mbar)	:- 944.9		
Location of calibration	:- In Lab		
Condition of Item	:- Ok		

2. Description of Item			
Name	:- Micropipette	Range	:- 1000 µl
Id No	:- NHL/PIP/01	Least Count	:- --
Make	:- Finnpiette	Location	:- LAB
Type	:- Fixed	Sr No	:- OW O4298
		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

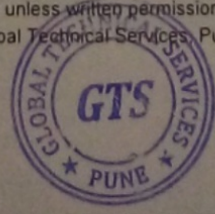
4.Calibration Results				
Calibration Points µl	Standard Reading µl	Set Value on UUC µl	Error in µl	Expanded Uncertainty in ± µl
1000	996.3525	1000	3.6475	4.30

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

Calibration Engineer
Varsha T.



Approved By

Technical Manager
Swapnil Bhagwat

RF-51/00 End of Certificate





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1.CUSTOMER :-	NOBEL HEALTH LABORATORY MHAPSA, GOA	Page No. :- 1 of 1	SRF No :- GTS/230224/04
		Certificate No. :- GTS/230224/04-002	Date of Received :- 24.02.2023
		Date of Calibration :- 24.02.2023	Next Calibration Due On :- 23.02.2024
		Issue Date :- 27.02.2023	Calibration method No. :- MECH-WI-06
Ambient Temp. (°C) :- 23.7		ULR No :- CC295723000001620F	
Relative Humidity (%RH) :- 50			
Barometric Pressure (mbar) :- 942.9			
Location of calibration :- In Lab			
Condition of Item :- Ok			

2. Description of Item

Name :- Micropipette	Range :- 5 to 50 µl
Id No :- NHL/PIP/02	Least Count :- 0.5 µl
Make :- ERBA	Location :- LAB
Type :- Variable	Sr No :- MB 403124
	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	9.9610	10	0.0390	4.30
25	24.9098	25	0.0902	4.30
50	49.8230	50	0.1770	4.30

Note:

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CALIBRATION CERTIFICATE

1. CUSTOMER :-

NOBEL HEALTH LABORATORY
MHAPSA, GOA

Ambient Temp. (°C) :- 24.4
Relative Humidity (%RH) :- 52
Barometric Pressure (mbar) :- 942.8
Location of calibration :- In Lab
Condition of Item :- Ok

Page No. :- 1 of 1
SRF No :- GTS/230224/04
Certificate No. :- GTS/230224/04-003
Date of Received :- 24.02.2023
Date of Calibration :- 24.02.2023
Next Calibration Due On :- 23.02.2024
Issue Date :- 27.02.2023
Calibration method No. :- MECH-WI-06
ULR No :- CC295723000001621F

2. Description of Item

Name :- Micropipette
Id No :- NHL/PIP/03
Make :- ERBA
Type :- Variable
Range :- 10 to 100 µl
Least Count :- 1 µl
Location :- LAB
Sr No :- YE174AB00054408
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	9.9603	10	0.0397	4.30
50	49.8181	50	0.1819	4.30
100	99.6364	100	0.3636	4.30

Note:

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Technical Manager
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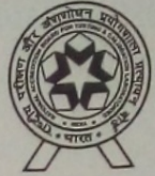


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CALIBRATION CERTIFICATE

1. CUSTOMER :- NOBEL HEALTH LABORATORY MHAPSA, GOA	Page No. :- 1 of 1 SRF No :- GTS/230224/04 Certificate No. :- GTS/230224/04-004 Date of Received :- 24.02.2023 Date of Calibration :- 24.02.2023 Next Calibration Due On :- 23.02.2024 Issue Date :- 27.02.2023 Calibration method No. :- MECH-WI-06 ULR No :- CC295723000001622F
Ambient Temp. (°C) :- 24.0 Relative Humidity (%RH) :- 52 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 :- NHL/PIP/04	Least Count :- 5 µl
Make :- ERBA	Location :- LAB
Type :- Variable	Sr No :- 214915
	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	99.6411	100	0.3589	4.30
500	498.0108	500	1.9892	4.30
1000	996.0558	1000	3.9442	4.30

Note:

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