



CALIBRATION CERTIFICATE

1.CUSTOMER	:-	Page No.	:- 1 of 1
SP HITECH PATHOLOGY LABORATORY		SRF No	GTS/210907/01
Trimurti Plaza,Near Pavana Sahakari Bank,		Certificate No.	:- GTS/220525/02- 006
Somatane Phata Talegaon Dabhade Somatane Phata,		Date of Received	:- 25.05.2022
Talegaon Dabhade, PCMC, Pune, Maharashtra 410506		Date of Calibration	:- 25.05.2022
		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	:- Thermoscientific	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		Approved By Technical Manager Swapnil Bhagawat
End of Certificate		

RF-51/00



CALIBRATION CERTIFICATE

1.CUSTOMER	:-	Page No.	:- 1 of 1
SP HITECH PATHOLOGY LABORATORY		SRF No	GTS/210907/01
Trimurti Plaza, Near Pavana Sahakari Bank,		Certificate No.	:- GTS/220525/02- 008
Somatane Phata Talegaon Dabhade Somatane Phata,		Date of Received	:- 25.05.2022
Talegaon Dabhade, PCMC, Pune, Maharashtra 410506		Date of Calibration	:- 25.05.2022
		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	:- Thermoscientific	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:

- 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		Approved By Technical Manager Swapnil Bhagawat
--	--	--

RF-51/00 End of Certificate



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
SP HITECH PATHOLOGY LABORATORY		SRF No	GTS/210907/01
Trimurti Plaza, Near Pavana Sahakari Bank,		Certificate No.	:- GTS/220525/02- 007
Somatane Phata Talegaon Dabhade Somatane Phata,		Date of Received	:- 25.05.2022
Talegaon Dabhade, PCMC, Pune, Maharashtra 410506		Date of Calibration	:- 25.05.2022
Ambient Temp. (°C)	:- 23± 4	Next Calibration Due On	:- 24.05.2023
Relative Humidity (%RH)	:- 30 to 75	Issue Date	:- 27.05.2022
Barometric Pressure (mbar)	:- 942.2	Calibration method No.	:- MECH-WI-06
Location of calibration	:- In Lab	ULR No	:- CC298722000004116F
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	:- Thermoscientific	Location	:- Biochimstery
Type	:- Variable	Sr No	:- HH49118
	0		

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:
 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



Approved By

 Technical Manager
 Swapnil Bhagawat

End of Certificate

RF-51/00

Email : globaltechnical007@gmail.com



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

CALIBRATION CERTIFICATE

1.CUSTOMER :-
SP HITECH PATHOLOGY LABORATORY
Trimurti Plaza, Near Pavana Sahakari Bank,
Somatane Phata Talegaon Dabhade Somatane Phata,
Talegaon Dabhade, PCMC, Pune, Maharashtra 410506

Page No. :- 1 of 1
SRF No GTS/210907/01
Certificate No. :- GTS/220525/02- 009
Date of Received :- 25.05.2022
Date of Calibration :- 25.05.2022
Next Calibration Due On :- 24.05.2023
Issue Date :- 27.05.2022
Calibration method No. :- MECH-WI-06
ULR No :- -

Ambient Temp. (°C) :- 23± 4
Relative Humidity (%RH) :- 30 to 75
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
- 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

Approved By

SMB

Technical Manager

Swapnil Bhagawat



End of Certificate

RF-51/00

Email : globaltechnical007@gmail.com



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

CALIBRATION CERTIFICATE

1) Customer

Name & Address SP HITECH PATHOLOGY LABORATORY Trimurti Plaza, Near Pavana Sahakari Bank, Somatane Phata Talegaon Dabhade Somatane Phata,	Calibration Certificate No. : GTS/220525/02- 014 Page No : 1 of 2
Amb. Temp. : 25±5 °C	Date of Received : 25.05.2022
Relative Humidity : 50±20 %RH	Date of Calibration : 25.05.2022
Condition of Item : ok	Calibration Due On : 24.05.2023
	Location of Calibration : On Site

2) Details of UUC

Name : Electrolyte Analyzer	Make : AGD Biomedical Pvt. Ltd
ID No : SPHL/EQ/ELA/04	Model : AGD EL-120
Sr No : BA190675	
Location : Biochimstery	

3) STANDARD USED FOR CALIBRATION

Name : Electrical Safety Analyzer
Certificate No : 2020001300
Certified By : Fluke Biomedical, USA
ID/Sr No : : 4885027
Due Date : 12.02.2023

4) CALIBRATION RESULTS : EST TEST

VISUAL TEST

Sr No	Parameter	Result
1	Power Cords, Cables Checking	OK
2	Mains Socket Checking	OK
3	Equipment Type (B, BF, CF)	B
4	Equipment Class (I, II, III)	I

B-Body Type, BF-Body Float Type, CF-Cardiac Float Type
I-Properly Earthed ,II-Double Insulation, III-With Extra Low Safety Voltage

FUNCTIONAL TEST

Sr No	Parameter	Obsereved	Tolerance	Result
1	Voltage between Live and Neutral (Vln)	235.20	(210-240V)	Pass
2	Voltage between Live and Earth (Vle)	237.89	(210-240V)	Pass
3	Voltage between Neutral and and Earth (Vne)	3.05	(0-5V)	Pass
4	Enclosure Current	0.80	(0-10µA)	Pass
5	Leakage Current (IL)	121.75	(0-500µA)	Pass
6	Patient Leakage Current (PL)	0.44	(BF:0-100µA) (CF:0-10µA)	Pass



Email : globaltechnical007@gmail.com



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

Calibration Certificate No .

GTS/220525/02- 014

Page No 2 of 2

Note :

- 1) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 2) This calibration results reported in the certificate are valid at the time of and the stated conditions of measurement.
- 3) Calibration Points were selected as per customer specification.
- 4) 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 GTS,Pune.
- 5) Procedure used for calibration : MD-05

Calibrated By

S.C

Calibration Engineer
Mr Shafik Chorgaste



Approved By

Technical Manager
Mr. Swapnil Bhagwat

RN-21/0

** End of the certificate **



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

CALIBRATION CERTIFICATE

1) Customer

Name & Address	Calibration Certificate No .	: GTS/220525/02- 013
SP HITECH PATHOLOGY LABORATORY	Page No	: 1 of 2
Trimurti Plaza,Near Pavana Sahakari Bank, Somatane Phata Talegaon Dabhade Somatane Phata,	Date of Received	: 25.05.2022
Amb. Temp. : 25±5 °C	Date of Calibration	: 25.05.2022
Relative Humidity : 50±20 %RH	Calibration Due On	: 24.05.2023
Condition of Item : ok	Location of Calibration	: On Site

2) Details of UUC

Name	: Clinical Chemistry Analyzer	Make	: AGD Biomedical Pvt. Ltd
ID No	: SPHL/EQ/FCC/03	Model	: AGD 2260
Sr No	: K3E0911L		
Location	: Biochimstery		

3) STANDARD USED FOR CALIBRATION

Name	: Electrical Safety Analyzer
Certificate No	: 2020001300
Certified By	: Fluke Biomedical, USA
ID/Sr No :	: 4885027
Due Date	: 12.02.2023

4) CALIBRATION RESULTS : EST TEST

VISUAL TEST

Sr No	Parameter	Result
1	Power Cords, Cables Checking	OK
2	Mains Socket Checking	OK
3	Equipment Type (B, BF, CF)	B
4	Equipment Class (I, II, III)	I

B-Body Type,BF-Body Float Type,CF-Cardiac Float Type
I-Properly Earthed ,II-Double Insulation,III-With Extra Low Safety Voltage

FUNCTIONAL TEST

Sr No	Parameter	Obsereved	Tolerance	Result
1	Voltage between Live and Neutral (Vln)	235.57	(210-240V)	Pass
2	Voltage between Live and Earth(Vle)	238.21	(210-240V)	Pass
3	Voltage between Neutral and and Earth (Vne)	2.79	(0-5V)	Pass
4	Enclosure Current	0.67	(0-10µA)	Pass
5	Leakage Current (IL)	122.64	(0-500µA)	Pass
6	Patient Leakage Current (PL)	0.65	(BF-0-100µA) (CF-0-10µA)	Pass



Email : globaltechnical007@gmail.com



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

Calibration Certificate No .

GTS/220525/02-013

Page No 2 of 2

Note :

- 1) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 2) This calibration results reported in the certificate are valid at the time of and the stated conditions of measurement.
- 3) Calibration Points were selected as per customer specification.
- 4) 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 GTS,Pune.
- 5) Procedure used for calibration : MD-05

Calibrated By

S.C

Calibration Engineer
Mr Shafik Chorgaste



Approved By

Technical Manager
Mr. Swapnil Bhagwat

RN-21/0

** End of the certificate **



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

CALIBRATION CERTIFICATE

1) Customer

Name & Address SP HITECH PATHOLOGY LABORATORY Trimurti Plaza, Near Pavana Sahakari Bank, Somatane Phata Talegaon Dabhade Somatane Phata,	Calibration Certificate No. : GTS/220525/02- 012 Page No : 1 of 2
Amb. Temp. : 25±5 °C	Date of Received : 25.05.2022
Relative Humidity : 50±20 %RH	Date of Calibration : 25.05.2022
Condition of Item : ok	Calibration Due On : 24.05.2023
	Location of Calibration : On Site

2) Details of UUC

Name : Clinical Chemistry Analyzer	Make : AGD Biomedical Pvt. Ltd
ID No : SPHL/EQ/SCC/02	Model : AGD 2020
Sr No : A0150817	
Location : Biochimstery	

3) STANDARD USED FOR CALIBRATION

Name : Electrical Safety Analyzer
Certificate No : 2020001300
Certified By : Fluke Biomedical, USA
ID/Sr No : 4885027
Due Date : 12.02.2023

4) CALIBRATION RESULTS : EST TEST

VISUAL TEST

Sr No	Parameter	Result
1	Power Cords, Cables Checking	OK
2	Mains Socket Checking	OK
3	Equipment Type (B, BF, CF)	B
4	Equipment Class (I, II, III)	I

B-Body Type, BF-Body Float Type, CF-Cardiac Float Type
I-Properly Earthed, II-Double Insulation, III-With Extra Low Safety Voltage

FUNCTIONAL TEST

Sr No	Parameter	Observed	Tolerance	Result
1	Voltage between Live and Neutral (Vln)	235.47	(210-240V)	Pass
2	Voltage between Live and Earth (Vle)	237.14	(210-240V)	Pass
3	Voltage between Neutral and Earth (Vne)	1.94	(0-5V)	Pass
4	Enclosure Current	0.82	(0-10µA)	Pass
5	Leakage Current (IL)	121.71	(0-500µA)	Pass
6	Patient Leakage Current (PL)	0.56	(BF-0-100µA) (CF-0-10µA)	Pass



Email : globaltechnical007@gmail.com



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

Calibration Certificate No .

GTS/220525/02-012

Page No 2 of 2

Note :

- 1) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 2) This calibration results reported in the certificate are valid at the time of and the stated conditions of measurement.
- 3) Calibration Points were selected as per customer specification.
- 4) 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 GTS, Pune.
- 5) Procedure used for calibration : MD-05

Calibrated By

S.C

Calibration Engineer
Mr Shafik Chorgaste



Approved By

Technical Manager
Mr. Swapnil Bhagwat

RN-21/0

** End of the certificate **

Email : globaltechnical007@gmail.com