'Anjali Niketan', Flat No. 3, 2nd Floor,
Viveknagar, Akurdi, Pune - 411035.
Website : www.mastertechsystems.in
Email : service@mastertechsystems.in
Mobile : +91 9623057200 /8408097666

CC-2911

MASTERTECH SYSTEMS
WHEN QUALITY MATTERS

CALIBRATION CERTIFICATE

Certificate No.	:- 2122/0325/09-02	ULR No.	:- CC291122000013806F
Date of Calibration	:- 25-Mar-2022	Calibration Due Date	:- 24-Sep-2022

1. Clients Name & Address :
SRL Dr Avinash Phadke pvt. Ltd
Ground floor, Sumati, Behind Saraswat
Co-op Bank Mulund-west, Mumbai-400080.

SRF No.	:- 2122/0325/09
Date of Received	:- 25-Mar-2022
Cal. Cert. Issue Date	:- 30-Mar-2022
Condition of UUC	:- OK
Location of calibration	:- In Lab
Calibration Procedure No.	:- MTS/VM/WI-01

2.Env Con: Air Pres. mbar 945.3 Temperature: 23.8 °C Relative Humidity: 51 % Rh

3. Description of UUC

Name	:- Micropipette	Range	:- 100-1000 µl
Make	:- Thermo F3	Resolution	:- 1 µl
I.D No.	:- Muld-4	Location	:- Lab
Type	:- Variable	Sr No	:- JW05359

4. Reference Standards used for calibration:

Name	:-	Weighing Balance
Make / Model	:-	Saffron / SES 265
I.D No./Sr. No.	:-	MTS/WB-04
Certificate No.	:-	NI/MTS/011021/001
Calibration Validity	:-	30/09/2022
Certified By	:-	NI (CC-2294)
Range/Uncertainty	:-	0 to 220 g/ ±0.000131 g

5. Calibration Results

Mechanical Calibration

Sr.No.	Calibration Point µl	UUC Reading µl	Standard Reading µl	Deviation µl	Expanded Uncertinity ±µl
1	100	100	99.8554	0.1446	0.80
2	500	500	499.5889	0.4111	6.60
3	1000	1000	999.1026	0.8974	6.60

NOTES:
1.The value measured of uuc & standard are mean of 10 reading.
2.The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by coverage factor K=2, which corresponds to a coverage probability of approximately 95.45% for normal distribution
3.This certificate refers only to the particular UUC submitted for calibration. UUC stands for Unit Under Calibration.
4.The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
5. This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from "Mastertech Systems" Pune.
6.The Instruments used for calibration are traceable to National/International standards and their calibrations are valid.
7. Volume Calculated at the reference temperature of 27 °C

Calibrated By
Mr Parshuram M.
Calibration Engineer

MASTERTECH SYSTEMS PUNE

Approved By
Mr.Daulat Shete
Technical Manager

End of Certificate

Calibration services for
Electro-technical | Thermal | Mechanical | Mass | Volume Instruments

FINE CALIBRATION SERVICES
Plot No. 280, Sector No.21, Yamunanagar, PCNTDA, Nigdi, Pune - 411044 (MH)
Mob.: 7276470703, Email : fincalibration@gmail.com

CC-3378

CALIBRATION CERTIFICATE

1) Customer

Name & Address
SRL Dr Avinash Phadke pvt. Ltd
Ground floor, Sumati, Behind Saraswat Co-op Bank
Mulund-west, Mumbai-400080.

Amb. Temp.	: 24.8 °C	Calibration Certificate No .	: FCS/2205/1104/001
Relative Humidity	: 50 %RH	ULR No	: CC337822000000568F
Air Pressure	: 943.8 mbar	Date of Received	: 11.05.2022
Condition of Item	: Physically Ok	Date of Calibration	: 11.05.2022
		Calibration Due On	: 10.11.2022
		Date of Issue	: 16.05.2022
		Location of Calibration	: In lab
		Work Instruction No	: MECH/WI/06

2) Details of UUC

Name	: Pipette	Range	: 100-1000 µl
ID No	: Muld-5	L.C.	: 1 µl
Make	: Thermo Sci	Model	: F3
Type	: Variable	Location	: Lab
Sr no.	: PW14315		

3) Standard Used for Calibration

Name	: Single Pan Balance
Cerificate No	: NI/FCS/211221/001
Certified By	: Nishitronics
ID/Sr No :	: FCS/BAL/01
Due Date	: 20.12.2022

4) Calibration Results : Mechanical Calibration

Calibration Point µl	Standard Readings µl	UUC Readings µl	Error µl	Expanded Uncertainity ±µl
100	99.6101	100	0.3899	0.30
500	498.0431	500	1.9569	2.60
1000	996.2876	1000	3.7124	2.60

Note :
1. The reported Expanded Uncertainty is calculated at 95.45 % Confidence level with coverage factor k=2.
2. Equipment used for calibration were calibrated & traceable to National & International Standards.
3. This report refers only to particular item (s) submitted for calibration. UUC stands for Unit Under Calibration
4. The calibration results reported are valid at the time of and under the stated conditions of the measurements.
5. This report shall not be reproduced in full / part without prior permission of Fine Calibration Services
6. The value measured of uuc & standard are mean of 10 reading.
7. Volume Calculated at the reference temperature of 27 °C

Calibrated By

Calibration Engineer
Vishal J.

FINE CALIBRATION SERVICES

Approved By

Quality Manager
Mr Shafik Chorgaste

** End of the certificate **

FINE CALIBRATION SERVICES
Plot No. 280, Sector No.21, Yamunanagar, PCNTDA, Nigdi, Pune - 411044 (MH)
Mob.: 7276470703, Email : fincalibration@gmail.com

CC-3378

CALIBRATION CERTIFICATE

1) Customer

Name & Address
SRL Dr Avinash Phadke pvt. Ltd
Ground floor, Sumati, Behind Saraswat Co-op Bank
Mulund-west, Mumbai-400080.

Amb. Temp.	: 24.2 °C	Calibration Certificate No .	: FCS/2205/1104/002
Relative Humidity	: 53 %RH	ULR No	: CC337822000000569F
Air Pressure	: 943.5 mbar	Date of Received	: 11.05.2022
Condition of Item	: Physically Ok	Date of Calibration	: 11.05.2022
		Calibration Due On	: 10.11.2022
		Date of Issue	: 16.05.2022
		Location of Calibration	: In lab
		Work Instruction No	: MECH/WI/06

2) Details of UUC

Name	: Pipette	Range	: 5-50 µl
ID No	: Muld-6	L.C.	: 1 µl
Make	: Thermo Sci	Model	: F3
Type	: Variable	Location	: Lab
Sr no.	: PW15322		

3) Standard Used for Calibration

Name	: Single Pan Balance
Cerificate No	: NI/FCS/211221/001
Certified By	: Nishitronics
ID/Sr No :	: FCS/BAL/01
Due Date	: 20.12.2022

4) Calibration Results : Mechanical Calibration

Calibration Point µl	Standard Readings µl	UUC Readings µl	Error µl	Expanded Uncertainity ±µl
10	9.9621	10	0.0379	0.30
25	24.9017	25	0.0983	0.30
50	49.8227	50	0.1773	0.30

Note :

1. The reported Expanded Uncertainty is calculated at 95.45 % Confidence level with coverage factor k=2.
2. Equipment used for calibration were calibrated & traceable to National & International Standards.
3. This report refers only to particular item (s) submitted for calibration. UUC stands for Unit Under Calibration
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7. Volume Calculated at the reference temperature of 27 °C

Calibrated By

Calibration Engineer
Vishal J.

FINE CALIBRATION SERVICES PUNE

Approved By

Quality Manager
Mr Shafik Chorgaste

** End of the certificate **

FINE CALIBRATION SERVICES

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Mob.: 7276470703, Email : fincalibration@gmail.com

CC-3378

CALIBRATION CERTIFICATE

1) Customer

Name & Address

SRL Dr Avinash Phadke pvt. Ltd
Ground floor, Sumati, Behind Saraswat Co-op Bank
Mulund-west, Mumbai-400080.

Amb. Temp.	:	25.5 °C
Relative Humidity	:	56 %RH
Air Pressure	:	944.3 mbar
Condition of Item	:	Physically Ok

Calibration Certificate No .	: FCS/2205/1104/003
ULR No	: CC337822000000570F
Date of Received	: 11.05.2022
Date of Calibration	: 11.05.2022
Calibration Due On	: 10.11.2022
Date of Issue	: 16.05.2022
Location of Calibration	: In lab
Work Instruction No	: MECH/WI/06

2) Details of UUC

Name	: Pipette	Range	:	100 µl
ID No	: Muld-7	L.C.	:	1 µl
Make	: Thermo Electron	Model	: Ns	
Type	: Fixd	Location	: Lab	
Sr no.	: W19397			

3) Standard Used for Calibration

Name	: Single Pan Balance
Cerificate No	: NI/FCS/211221/001
Certified By	: Nishitronics
ID/Sr No :	: FCS/BAL/01
Due Date	: 20.12.2022

4) Calibration Results : Mechanical Calibration

Calibration Point µl	Standard Readings µl	UUC Readings µl	Error µl	Expanded Uncertainity ±µl
100	99.6333	100	0.3667	0.30

Note :

1. The reported Expanded Uncertainty is calculated at 95.45 % Confidence level with coverage factor k=2.
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3. This report refers only to particular item (s) submitted for calibration. UUC stands for Unit Under Calibration
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7. Volume Calculated at the reference temperature of 27 °C

Calibrated By

Calibration Engineer
Vishal J.

FINE CALIBRATION SERVICES PUNE

Approved By

Quality Manager
Mr Shafik Chorgaste

** End of the certificate **

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MASTERTECH SYSTEMS
WHEN QUALITY MATTERS

CALIBRATION CERTIFICATE

Certificate No.	:- 2122/0325/09-01	ULR No.	:- CC291122000013805F
Date of Calibration	:- 25-Mar-2022	Calibration Due Date	:- 24-Sep-2022

1. Clients Name & Address :
SRL Dr Avinash Phadke pvt. Ltd
Ground floor, Sumati, Behind Saraswat
Co-op Bank Mulund-west, Mumbai-400080.

SRF No.	:-	2122/0325/09	
Date of Received	:-	25-Mar-2022	
Cal. Cert. Issue Date	:-	30-Mar-2022	
Condition of UUC	:-	OK	
Location of calibration	:-	In Lab	
Calibration Procedure No.	:-	MTS/VM/WI-01	

2.Env Con: Air Pres. mbar 946.2 Temperature: 23.7 °C Relative Humidity: 51 % Rh

3. Description of UUC

Name	:- Micropipette	Range	:-	5-50	µl
Make	:- Thermo F3	Resolution	:-	1	µl
I.D No.	:- Muld-8	Location	:-	Lab	
Type	:- Variable	Sr No	:-	HJ22069	

4. Reference Standards used for calibration:

Name	:-	Weighing Balance
Make / Model	:-	Saffron / SES 265
I.D No./Sr. No.	:-	MTS/WB-04
Certificate No.	:-	NI/MTS/011021/001
Calibration Validity	:-	30/09/2022
Certified By	:-	NI (CC-2294)
Range/Uncertainty	:-	0 to 220 g/ ±0.000131 g

5. Calibration Results

Mechanical Calibration

Sr.No.	Calibration Point µl	UUC Reading µl	Standard Reading µl	Deviation µl	Expanded Uncertinity ±µl
1	10	10	9.9880	0.0120	0.80
2	25	25	24.9823	0.0177	0.80
3	50	50	49.9301	0.0699	0.80

NOTES:
1.The value measured of uuc & standard are mean of 10 reading.
2.The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by coverage factor K=2, which corresponds to a coverage probability of approximately 95.45% for normal distribution
3.This certificate refers only to the particular UUC submitted for calibration. UUC stands for Unit Under Calibration.
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6.The Instruments used for calibration are traceable to National/International standards and their calibrations are valid.
7. Volume Calculated at the reference temperature of 27 °C

Calibrated By
Mr Parshuram M.
Calibration Engineer

MASTERTECH SYSTEMS PUNE

Approved By
Mr.Baulat Shete
Technical Manager

End of Certificate

Calibration services for
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CALIBRATION CERTIFICATE

Certificate No.	:- 2122/0325/09-04	ULR No.	:- CC291122000013808F
Date of Calibration	:- 25-Mar-2022	Calibration Due Date	:- 24-Sep-2022

1. Clients Name & Address :
SRL Dr Avinash Phadke pvt. Ltd
Ground floor, Sumati, Behind Saraswat
Co-op Bank Mulund-west, Mumbai-400080.

SRF No.	:-	2122/0325/09
Date of Received	:-	25-Mar-2022
Cal. Cert. Issue Date	:-	30-Mar-2022
Condition of UUC	:-	OK
Location of calibration	:-	In Lab
Calibration Procedure No.	:-	MTS/VM/WI-01

2.Env Con: Air Pres. mbar 945.9 Temperature: 25.4 °C Relative Humidity: 50 % Rh

3. Description of UUC

Name	:- Micropipette	Range	:-	100	µl
Make	:- Thermo F3	Resolution	:-	-	
I.D No.	:- Muld-9	Location	:-	Lab	
Type	:- Fixed	Sr No	:-	KW03282	

4. Reference Standards used for calibration:

Name	:-	Weighing Balance
Make / Model	:-	Saffron / SES 265
I.D No./Sr. No.	:-	MTS/WB-04
Certificate No.	:-	NI/MTS/011021/001
Calibration Validity	:-	30/09/2022
Certified By	:-	NI (CC-2294)
Range/Uncertainty	:-	0 to 220 g/ ±0.000131 g

5. Calibration Results

Mechanical Calibration

Sr.No.	Calibration Point µl	UUC Reading µl	Standard Reading µl	Deviation µl	Expanded Uncertinity ±µl
1	100	100	99.9021	0.0979	0.80

NOTES:
1.The value measured of uuc & standard are mean of 10 reading.
2.The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by coverage factor K=2, which corresponds to a coverage probability of approximately 95.45% for normal distribution
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Calibrated By
Mr Parshuram M.
Calibration Engineer

MASTERTECH SYSTEMS PUNE

Approved By
Mr.Daulat Shete
Technical Manager

End of Certificate

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MASTERTECH SYSTEMS
WHEN QUALITY MATTERS

CALIBRATION CERTIFICATE

Certificate No.	:- 2122/0325/09-03	ULR No.	:- CC291122000013807F
Date of Calibration	:- 25-Mar-2022	Calibration Due Date	:- 24-Sep-2022

1. Clients Name & Address :
SRL Dr Avinash Phadke pvt. Ltd
Ground floor, Sumati, Behind Saraswat
Co-op Bank Mulund-west, Mumbai-400080.

SRF No.	:- 2122/0325/09
Date of Received	:- 25-Mar-2022
Cal. Cert. Issue Date	:- 30-Mar-2022
Condition of UUC	:- OK
Location of calibration	:- In Lab
Calibration Procedure No.	:- MTS/VM/WI-01

2.Env Con: Air Pres. mbar 946.8 Temperature: 25.4 °C Relative Humidity: 56 % Rh

3. Description of UUC

Name	:- Micropipette	Range	:- 100-1000 µl
Make	:- Thermo F2	Resolution	:- 1 µl
I.D No.	:- Muld-10	Location	:- Lab
Type	:- Variable	Sr No	:- QW15892

4. Reference Standards used for calibration:

Name	:- Weighing Balance
Make / Model	:- Saffron / SES 265
I.D No./Sr. No.	:- MTS/WB-04
Certificate No.	:- NI/MTS/011021/001
Calibration Validity	:- 30/09/2022
Certified By	:- NI (CC-2294)
Range/Uncertainty	:- 0 to 220 g/ ±0.000131 g

5. Calibration Results

Mechanical Calibration

Sr.No.	Calibration Point µl	UUC Reading µl	Standard Reading µl	Deviation µl	Expanded Uncertinity ±µl
1	100	100	99.9349	0.0651	0.80
2	500	500	499.3538	0.6462	6.60
3	1000	1000	998.7774	1.2226	6.60

NOTES:
1.The value measured of uuc & standard are mean of 10 reading.
2.The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by coverage factor K=2, which corresponds to a coverage probability of approximately 95.45% for normal distribution
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Calibrated By
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End of Certificate