

Accumen Calibration Laboratory Pvt Ltd.

(Calibration Division)

B-20, Hanumant Vihar, Naubasta, Kanpur Nagar-208021 (U.P) Mob.:+91-8802463273, 8417800601, 8750869237 E-mail:- accumencalibration22@gmail.com



CC-3513

CALIBRATION CERTIFICATE

| | | | | | | | Colon | | | |
|----|-----|---|---|---|---|-----|-------|-----|---------|--|
| ٠. | . ^ | r | • | • | • | No | | | | |
| г | u | | | c | | INU | / | . 0 | F- 04 1 | |
| | | | | | | | | | | |

Page 1 of 1 ULR No.: CC351323000000470F Certificate No. : ACL/004370 **CUSTOMER NAME & ADDRESS:-**Service Request No : 0321 M/s. Photon Super Speciality Hospital and Trauma centre. Service Request Date. : 28-02-2023 Kashipur Road Rampur Doraha Opp,. Radha Swami Satsang Date of Receipt of UUC : 01-03-2023 Bhawan Moradabad (U.P)-244001. Date of Calibration : 01-03-2023 Sugg. Due Date By Customer : 28-02-2024 Date of Issue 02-03-2023

ITEM'S DESCRIPTION & IDENTIFICATION

Instrument Name : MICRO PIPETTE

Make : Labmate

Model No. . -----Serial No. QH605179

rty ID Mark MP-03 **ENVIRONMENTAL CONDITIONS**

 $: (20 \pm 2)^{0}C$

 $: (50 \pm 10)\%$

Range/Size **Least Count**

Visual Inspection

: 10 µl : OK

Location

Calibration Procedure Reference Standard

MCP-19 : IS:8655-6

: 100 - 1000 µl

Calibration Performed at

: Laboratory

MAJOR EQUIPMENT USED

Temperature

Relative Humidity

Nomenclature Range Serial/Ident. No. Traceability Certificate No. Valid upto Digital Weighing Balance 0 to 80/220g 20201212/ACL/MMI/17 TSC/22-23/2270-1 30-04-2023 Standard Weight Box (E2 Class) 1 to 200g ACL/MMI/22 WMCL/E/2022-03/1747 24-03-2024

CALIBRATION RESULT

| Λ÷ | Deference | Temperature | 2700 |
|----|-----------|--------------|------|
| ΑU | Reference | i emberature | 27 6 |

| S | l. No. | Test Volume (μl) | Measured Mean Volume Error (μl) (μl) | Uncertainty of Measurement (±) (µl) |
|---|--------|---------------------|--------------------------------------|---|
| | 1 | 100 | 99.99 0.01 | 2.2 |
| | 2 | 500 | 499.89 0.11 | 2.2 |
| | 3 | 1000 | 999.85 0.15 | 2.2 |

Remarks:

Note:

- 1. DUC = Device Under Calibration, UUC=Unit Under Calibration
- Expanded uncertainty of measurement at approx 95% confidence level for coverage factor(k)=2 2.
- This Certificate refers only to the particular items submitted for calibration. 3.
- 4. Certificate Issued is only Scientific or Industrial Purpose Only
- Suggested next due date of calibration is given as requested by customer. 5.
- DUC has been calibrated againest lab standards are traceable to national & international standards. 6.
- The result reported in this certificate are valid at the time of and under the stated conditions of Measurement. 7.
- This certificate shall not be reproduced, except in full, without permission of CEO, Accumen Calibration Laboratory Pvt. Ltd., Kanpur 8.

Issue by

(Calibrated By)



Jaysagar yadav (TM/QM)



ULR No.: CC351323000000471F

Accumen Calibration Laboratory Pvt Ltd.

(Calibration Division)

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CC-3513

Valid upto

30-04-2023

24-03-2024

: ACL/004371

CALIBRATION CERTIFICATE

Certificate No.

| Fc | rm | at | No | .7 | 8F | -01 |
|----|----|----|----|----|----|-----|
| | | | | | | |

Page 1 of 1

Traceability Certificate No.

WMCL/E/2022-03/1747

TSC/22-23/2270-1

| CUSTOMER NAME & | | Service Request No | : 0321 |
|-------------------|---------------------------------------|----------------------------|-----------------|
| | peciality Hospital and Trauma centre. | Service Request Date. | : 28-02-2023 |
| | our Doraha Opp,. Radha Swami Satsang | Date of Receipt of UUC | : 01-03-2023 |
| Bhawan Moradabad | (U.P)-244001. | Date of Calibration | : 01-03-2023 |
| | | Sugg. Due Date By Customer | : 28-02-2024 |
| | | Date of Issue | : 02-03-2023 |
| | ITEM'S DESCRIE | PTION & IDENTIFICATION | |
| Instrument Name | : MICRO PIPETTE | | |
| Make | : Spectralab-p | Range/Size | ։ 100 - 1000 µl |
| Model No. | : | Least Count | ։ 10 µl |
| Serial No. | : MCA03679 | Visual Inspection | ; OK |
| Ly ID Mark | : MP-04 | Location | : |
| ENVIRONMENTAL C | CONDITIONS | Calibration Procedure | : MCP-19 |
| Temperature | $(20 \pm 2)^{\circ}C$ | Reference Standard | : IS:8655-6 |
| Relative Humidity | : (50 ± 10)% | Calibration Performed at | : Laboratory |
| MAJOR EQUIPMENT | USED | | |

CALIBRATION RESULT

Serial/Ident. No.

ACL/MMI/22

20201212/ACL/MMI/17

| At Refe | erence Tempe | rature 27 | <u>°C</u> | | | Emonth commenced | 21. dr. | |
|---------|--------------|-------------------|---------------|--------------------|----------------------|------------------|--|---|
| SI. N | No. | Test Volu (µl) | me | Meas | ured Mean Vo (µl) | lume | Error (μl) | Unc ertaint y of Measurement (±) (μl) |
| 1 | | 100 | | - American Company | 99.98 | | 0.02 | 2.2 |
| 2 | : | 500 | | | 499.88 | Jan. 6 | 0.12 | 2.2 |
| 3 | l | 1000 | Sample of the | | 999.86 | - E | 0.14 | 2.2 |
| | _ | | | diffic | | | The state of the s | |

Remarks:

Nomenclature

Digital Weighing Balance

Standard Weight Box (E2 Class)

Note:

- 1. DUC = Device Under Calibration, UUC=Unit Under Calibration
- 2. Expanded uncertainty of measurement at approx 95% confidence level for coverage factor(k)=2
- 3. This Certificate refers only to the particular items submitted for calibration.

Range

0 to 80/220g

1 to 200g

- 4. Certificate Issued is only Scientific or Industrial Purpose Only
- 5. Suggested next due date of calibration is given as requested by customer.
- 6. DUC has been calibrated againest lab standards are traceable to national & international standards.
- 7. The result reported in this certificate are valid at the time of and under the stated conditions of Measurement.
- This certificate shall not be reproduced, except in full, without permission of CEO, Accumen Calibration Laboratory Pvt. Ltd., Kanpur

Non/

8. (U.P.)

Issue by

Manish verma (Calibrated By)

End of Report

Jaysagar yadav (TM/QM)



ULR No.: CC351323000000468F

Accumen Calibration Laboratory Pvt Ltd.

(Calibration Division)

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: ACL/004368

CALIBRATION CERTIFICATE

Certificate No.

Format No.:7.8F-01

Digital Weighing Balance

Standard Weight Box (E2 Class)

Page 1 of 1

Valid upto

30-04-2023

24-03-2024

| CUSTOMER NAME & | | Service Request No | : 0321 |
|-------------------|---------------------------------------|---------------------------------|---------------------|
| | peciality Hospital and Trauma centre. | Service Request Date. | ; 28-02-2023 |
| | our Doraha Opp,. Radha Swami Satsang | Date of Receipt of UUC | : 01-03-2023 |
| Bhawan Moradabad | (U.P)-244001. | Date of Calibration | : 01-03-2023 |
| | | Sugg. Due Date By Customer | : 28-02-2024 |
| | | Date of Issue | : 02-03-2023 |
| | ITEM'S DESCRI | PTION & IDENTIFICATION | |
| Instrument Name | : MICRO PIPETTE | | |
| Make | : Labmate | Range/Size | : 5 - 50 μl |
| Model No. | : | Least Count | : 0.5 µl |
| Serial No. | : R1658386 | Visual Inspection | , OK |
| Crty ID Mark | : MP-01 | Location | : |
| ENVIRONMENTAL O | CONDITIONS | Calibration Procedure | : MCP-19 |
| Temperature | : (20 ± 2)°C | Reference Standard | : IS:8655-6 |
| Relative Humidity | : (50 ± 10)% | Calibration Performed at | : Laboratory |
| MAJOR EQUIPMENT | USED | | |
| Nomenclature | Range Serial/ | Ident. No. Traceability Certifi | cate No. Valid upto |

| CALIBRATION RESU | JLT |
|------------------|-----|
|------------------|-----|

20201212/ACL/MMI/17

Traceability Certificate No.

WMCL/E/2022-03/1747

TSC/22-23/2270-1

ACL/MMI/22

| At | Reference | Temperature 27°C | they promised the second | |
|----|-----------|------------------|----------------------------|------------------------|
| | Sl. No. | Test Volume | Measured Mean Volume Error | Uncertainty of |
| | | (щ) | (т) | Measurement (±) (山) |
| | 1 | 10 | 0.00973 0.27 | 0.2 |
| | 2 | 30 | 0.02966 0.34 | 0.2 |
| | 3 | 50 | 0.04968 0.32 | 0.2 |

Remarks:

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0 to 80/220g

1 to 200g

- Certificate Issued is only Scientific or Industrial Purpose Only 4.
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Issue by

Calibrated By

ar yadav (TM/QM)



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02-03-2023

Page 1 of 1

CALIBRATION CERTIFICATE

| Format | No.:7.8F-0: | 1 |
|--------|-------------|---|
|--------|-------------|---|

ULR No.: CC351323000000469F Certificate No. : ACL/004369 CUSTOMER NAME & ADDRESS:-Service Request No : 0321 M/s. Photon Super Speciality Hospital and Trauma centre. Service Request Date. 28-02-2023 Kashipur Road Rampur Doraha Opp,. Radha Swami Satsang 01-03-2023 Date of Receipt of UUC Bhawan Moradabad (U.P)-244001. Date of Calibration 01-03-2023 Sugg. Due Date By Customer : 28-02-2024

ITEM'S DESCRIPTION & IDENTIFICATION

Date of Issue

Instrument Name MICRO PIPETTE

Make : Autoclavable Range/Size : 10 - 100 ul Model No. Least Count

: 1 µl Serial No. 19205482 : OK Visual Inspection ty ID Mark MP-02 Location

ENVIRONMENTAL CONDITIONS Calibration Procedure : MCP-19 Temperature : $(20 \pm 2)^{\circ}$ C Reference Standard : IS:8655-6 **Relative Humidity** : (50 ± 10)% Calibration Performed at : Laboratory

MAJOR EQUIPMENT USED

Nomenclature Range Serial/Ident. No. Traceability Certificate No. Valid upto Digital Weighing Balance 0 to 80/220g 20201212/ACL/MMI/17 TSC/22-23/2270-1 30-04-2023 Standard Weight Box (E2 Class) 1 to 200g ACL/MMI/22 WMCL/E/2022-03/1747 24-03-2024

CALIBRATION RESULT

| At Reference Temperature 2 | 7ºC | |
|----------------------------|-----|--|
|----------------------------|-----|--|

| s | l. No. | Test Volume Measured Mean Volume Error | Uncertainty of Measurement (±) |
|---|--------|--|--------------------------------|
| | | (h) (h) | (µl) |
| | 1 | 0.00992 0.08 | 0.2 |
| 0 | 2 | 0.04989 0.11 | 0.2 |
| | 3 | 0.09989 | 0.2 |

Remarks:

Note:

- DUC = Device Under Calibration, UUC = Unit Under Calibration 1.
- Expanded uncertainty of measurement at approx 95% confidence level for coverage factor(k)=2 2.
- 3. This Certificate refers only to the particular items submitted for calibration.
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(U.P.)

Manish verma (Calibrated By)



laysagar yaday (TM/QM)

Issue by