



The Ultimate Calibration Services

The Quality Solutions....



CC-3020

Add.: Gola No. 1&2, Kamalkunj CHS, Opp. Union Bank of India, Near Kaka Gole Foundation, Kulgaon, Badlapur (E), Dist. Thane 421 503.
Phone No.: 9890715627 / 9665003365, Mail : theucs20@gmail.com, info@theultimatecalibration.com • Website : www.theultimatecalibration.com
GST No. : 27AANFT7678Q1ZT | PAN No.: AANFT7678Q

CALIBRATION CERTIFICATE

Calibration Certificate No: UCS/CAL/22070171

Date of Issue: 29-07-2022

Date of calibration: 28-07-2022

Suggested Due Date: 28-07-2023

ULR No:CC302022000001123F

Location of calibration: Lab

Name and Address of Customer:

Ref. No: Verbal

Shruti Clinical Laboratory

Date: 27-07-2022

203/204, Royal Chambers, N.S Road no- 1,

Date of Receipt: 27-07-2022

Opposite Club Millenium, Juhu,

Condition on Receipt: Good

Mumbai - 400069

Details of Equipment :

Name : Micropipette

Make : Mispa

Model : i2

Sr.No.: YN171AA0002071

ID No : ---

Department : ---

Location : ---

Least Count : 1 μ l

Range : 20 to 200 μ l

Accuracy : \pm 1.60 μ l

Calibration Points : 20, 100, 200 μ l

Calibration Procedure Used: UCS/CAL/201

Environmental Conditions : 23 \pm 2 $^{\circ}$ C & 40 to 60 % RH

Details of STD equipment used :

| Name | Id No | Parameter/Uncertainty | Certificate No | Valid up to |
|-----------------|-------------|--------------------------------|-------------------------|-------------|
| Digital Balance | UCS/CAL/058 | Weigh: \pm 0.006 to 0.007 mg | MWS/CC/2022/ 090-001 | 16-02-2023 |

The measurements are traceable to National/International standard through unbroken chain of traceability.

OBSERVATIONS :

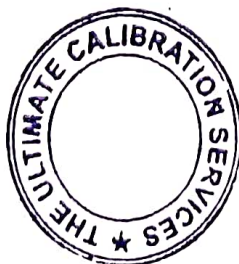
Discipline : Mechanical

Parameter : Volume

Sub Group : Mass and Volume

| Range | Reading On UUC | Reading on Standard | Error | Expanded Uncertainty |
|-----------|----------------|---------------------|---------|----------------------|
| μ l | μ l | μ l | μ l | μ l |
| 20 to 200 | 20 | 19.702 | 0.298 | \pm 0.55 |
| | 100 | 99.782 | 0.218 | \pm 0.64 |
| | 200 | 198.578 | 1.422 | \pm 0.55 |

The Expanded uncertainty is calculated at the coverage factor k=2 at a confidence level of 95.45 %



Calibrated By: *Malwankar*
Name & Sign: Swapnil Malwankar

Authorised Signatory :

Name & Designation:

V.W. Patwardhan
V.W. Patwardhan
Technical Manager

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Remarks:

1. The readings noted above are average of five readings.

The readings noted are particularly for the equipment submitted for calibration.

The reported values are valid at the time of calibration and under the controlled conditions.

Certificate should not be reproduced except in full without the prior approval of Laboratory.

Any handmade corrections made on the certificate, invalidates the Calibration Certificate.

The Ultimate Calibration Services will not be responsible for any mishandling of equipment after issuing the calibration certificate.

All precautions are being taken while handling the equipment at the time of calibration but lab is not liable for any misbehave of the equipment during calibration or any loss in the process of calibration.

The Calibration Certificate issued is for scientific purpose only.



Calibrated By : *Malwankar*
Name & Sign: Swapnil Malwankar

Authorised Signatory : *V. W. Patwardhan*
Name & Designation: V.W.Patwardhan
Technical Manager