



# AUTOCAL SYSTEMS

Calibration of Biomedical, QA of Radiology, Thermal, Mechanical, Electrotechnical, Mass, Volume, Weights, Mapping and Validation Testing Services of Laminar Air Flow, Biosafety Cabinet, OT Validation, AHU and Calibration Facility in Lab / Onsite.



CALIBRATION LAB

## CALIBRATION CERTIFICATE

<b>1. CUSTOMER</b> Excillas clinics	Page No. :- 1 of 1
B1 vikas paradise commercial	Date of Receipt :- 11-Apr-23
Below axis Bank, near santoshi mata mandir, L.B.S marg, mulund west 400080	Date of Issue :- 13-Apr-23
Ambient Temp. :- 23.2°C	Srf No :- ACS/CAL/22-23/059
RH :- 54 %RH	Certificate No. :- ACS/059/CM-29/220002
Location of calibration :- In Lab	Date of Calibration :- 12-Apr-23
Condition of Item :- OK	Next Calibration Due On :- 11-Apr-24
	Calibration method No. :- ACS/CM-29
	ULR No :- CC2614230005371P
	Discipline :- Mechanical Calibration
	Parameter :- Volume

### 2. Description of Item

Name :- MICROPIPETTE	Type :- VARIABLE
Make :- ERBA	Range :- 5 TO 50 µl
Model :- N.A	Resolution :- 0.5 µl
Serial no :- N.A	Specified Accuracy :- N.A
Serial :- 01167705	Location :- PATHOLOGY

### 3. Detail of Equipment used for calibration

Name :- Analytical Weighing Balance
Make/I.D No. :- Radwag/ACS-EQP-23
Certificate No. :- ACPL/MV/1568/01/22-23
Certified By :- Archerchem Instruments
Calibration Validity :- 02-Nov-23
<b>4.IS Standard</b> :- IS/ISO 4787:2010, ISO 8655-6, ISO/TR 20461

### 4. Calibration Results

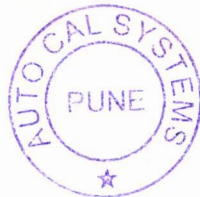
Cal Point µl	Nominal Value of Volume µl	Observed Value of volume on Master µl	Error in µl	Expanded Uncertainty in ±µl
10	10	9.95	-0.05	0.24
50	50	49.98	-0.02	0.24

### 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 coverage probability of approximately 95% 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 and Calibration report traceable to National or International Standard.
- 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 "Autocal Systems, Pune"
- 6) No decision rule applicable.

\*\*\*End of Certificate\*\*\*

Calibrated By: *Vishal*  
Calibration Engineer  
(Mr. Vishal Vedpathk)



Approved By: *Bagade*  
Technical Manager  
(Mr. Sandip Bagade)

Format No. : ACS-RFT-29

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