

Customer Name and Address: M/s. SRI ABIRAMI CLINICAL LABORATORY, 331/338, TRICHY MAIN ROAD, DADAGAPATTI, SALEM - 636 006.	Certificate No : VCPL/CC/2024/05-05 SRF No : VCPL/24/05-05 Date of Receipt : 04/01/2024 Date of Calibration : 04/01/2024 Due Date of Calibration : 03/01/2025 Date of Issue : 05/01/2024
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Details of Device Under Calibration	
Description : Micropipette Make : - Range : 20-200 µl Resolution : -- Serial Number : - Instrument Location : LABORATORY	Model : -- ID.No : -- Condition of DUC : Good Calibrated At : Lab Product Code : --

Details of Reference Standard				
Sl.No.	Description	ID.No/Sr.No	Certificate Number	Validity
1	Weighing Balance	VCPL/MLAB/SMB/01 / 763103	TC/9970/2023	25/03/2024

Environmental Condition				Reference Standard	
Temperature (°C)	21.6	Atmospheric Pressure (mbar)	983.5	Calibration Procedure	ISO 8655-6:2022
Humidity (%RH)	53.2	Water Temperature (°C)	25.65	Calibrated By	VCPL/SOP/08
					M.MUTHUMASANAM

Calibration Results

Results of Calibration in µl									Z Factor : 1.004	
Sl.No.	Nominal Value	Observed Reading					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	200	200.55	200.05	200.45	200.65	200.70	200.42	0.42	0.25	0.08
		200.05	200.15	200.45	200.55	200.65				
2	100	100.15	100.05	99.94	99.85	100.05	100.05	0.05	0.11	
		100.01	100.02	100.14	100.25	100.05				
3	20	19.83	19.93	20.00	19.93	19.95	37.94	17.94	56.88	
		20.00	19.93	20.00	19.98	199.82				

Note:

- The Standards used are traceable to National / International Standards.
- This Certificate refers only to the item calibrated and shall not be reproduced in full without the written approval of the issuing laboratory.
- This Certificate is not valid unless it is signed by the authorized signatory.
- Next Calibration due date mentioned as per customer requirement.
- The result is valid at the time of and under the stated conditions of measurement.
- The measurement confidence level is 95.45% with coverage factor K=2.
- UUC stands for Unit Under Calibration.
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696
- The Decision Rule will be applied based on the statement of conformity requested by the customer.




Authorised Signatory