



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01728

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Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE, KOTTAIYUR-630106,SIVAGANGA DISTRICT.	SRF No.	SRF/23/00054-0003
	SRF Date	11-02-2023
	Date of Receipt	11-02-2023
	Date of Calibration	11-02-2023
	Due Date for Calibration	10-02-2024
	Issue Date	13-02-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	VISION PLUS
Range	100-1000µl	Model	
Resolution	10µl	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.2	Humidity (%RH)	52	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

Standard Used

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

Result of Calibration in µl											
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.86	99.82	99.84	99.86	99.84	99.85	-0.15	0.01	0.47	
		99.86	99.84	99.86	99.85	99.84					
2	500	499.80	499.81	499.80	499.81	499.80	499.84	-0.17	0.03	0.47	
		499.87	499.86	499.87	499.86	499.87					
3	1000	999.90	999.91	999.90	999.91	999.90	999.91	-0.09	0.01	0.47	
		999.92	999.93	999.92	999.93	999.92					

Remarks

- 1.This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2.The user should determine the suitability of the instrument for its intended use.
- 3.The recalibration interval should be determined on the user requirement.
- 4.The results stated in this certificate relate only to the item calibrated.
5. Equipment used for Calibration were calibrated & traceable to National & International Standards
- 6.The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00 .
7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

(Calibration Engineer)
 R.YAZINIYAN



Authorised by:

(Quality Manager/Chief Executive)
 D.VETRI SELVI

SUNSHINE BIOMEDICAL SOLUTIONS

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