



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/05412

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Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTER,  
CHINNA KANCHIPURAM, KANCHIPURAM-631501.

SRF No.	SRF/23/00177-0017
SRF Date	04-05-2023
Date of Receipt	04-05-2023
Date of Calibration	04-05-2023
Due Date for Calibration	03-05-2024
Issue Date	04-05-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	MICROLUX
Range	10-100µl	Model	
Resolution	1µl	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	

**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**

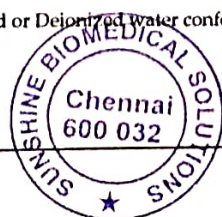
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	10.01	10.03	10.02	10.02	10.03	10.02	0.02	0.01	0.47
		10.02	10.01	10.01	10.02	10.01				
2	50	50.10	50.09	50.08	50.10	50.10	50.08	0.08	0.01	0.47
		50.08	50.08	50.07	50.07	50.07				
3	100	99.95	99.94	99.94	99.95	99.94	99.94	-0.06	0.01	0.47
		99.95	99.94	99.95	99.94	99.93				

**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,

*Riyas*  
(Calibration Engineer)  
R.YAZINIYAN



Authorised by:

*DV*  
(Quality Manager/Chief Executive)  
D.VETRI SELVI

**SUNSHINE BIOMEDICAL SOLUTIONS**

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