

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/00544

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**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE, MATHALAPATTU, CUDDALORE-605007.	SRF No.	SRF/23/00025-0003
	SRF Date	27-01-2023
	Date of Receipt	27-01-2023
	Date of Calibration	27-01-2023
	Due Date for Calibration	26-01-2024
	Issue Date	27-01-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	P'FACT
Range	5-50µl	Model	
Resolution	0.5µl	Material	PVC
Serial Number	243185	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	24.5	Humidity (%RH)	54	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**

Sl. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSPL22/12/2115-01	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	9.87	9.86	9.87	9.87	9.88	9.87	-0.13	0.01	0.47
		9.88	9.86	9.87	9.88	9.89				
2	30	29.76	29.77	29.78	29.79	29.76	29.78	-0.22	0.01	0.47
		29.77	29.78	29.79	29.78	29.78				
3	50	49.88	49.87	49.88	49.87	49.88	49.87	-0.13	0.01	0.47
		49.87	49.86	49.86	49.87	49.88				

**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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