



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01704

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Customer Name & Address

GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE,
PARAMAKUDI HUD,BOGALUR-623527,RAMANATHAPURAM DISTRICT.

SRF No.	SRF/23/00051-0049
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	11-02-2023

Details of Unit Under Calibration

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

Environmental Condition

Calibration Method Used

Temperature (°C)	26.2	Humidity (%RH)	53	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	98.76	98.77	98.76	98.77	98.76	98.77	-1.23	0.01	0.47
		98.77	98.76	98.77	98.76	98.78				
2	500	498.76	498.77	498.77	498.77	498.78	498.78	-1.23	0.01	0.47
		498.76	498.78	498.79	498.79	498.78				
3	1000	999.77	998.78	999.79	998.96	999.76	999.59	-0.41	0.38	0.47
		999.76	999.76	999.76	999.76	999.78				

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,

R.Yaziniyan
(Calibration Engineer)
R.YAZINIYAN



Authorised by:

D.Vetri Selvi
(Quality Manager/Chief Executive)
D.VETRI SELVI

SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,

E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.