

## CALIBRATION CERTIFICATE

Certificate No: SBS/CI/23/13755

Page No: 1 of 1

**Customer Name & Address**

GOVERNMENT URBAN PRIMARY HEALTH CENTRE, RANGANATHAPURAM-600045, WEST TAMBARAM, CHENNAI DISTRICT.	SRF No. SRF Date Date of Receipt Date of Calibration Due Date for Calibration Issue Date	SRF/23/00801-0004 07-10-2023 06-10-2023 07-10-2023 06-10-2024 07-10-2023
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**Details of Unit Under Calibration**

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

**Environmental Condition**

Temperature (°C)	23.6	Humidity (%RH)	55	<b>Calibration Method Used</b>	National / International Standard
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	ISO 8655-6:2002
					SBS/CP/ML/08

**Standard Used**

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing 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	100	99.95	99.89	99.87	99.86	99.85	99.87	-0.13	0.03	0.47
		99.86	99.87	99.86	99.87	99.85				
2	500	4999.89	4999.87	4999.89	499.86	499.85	1849.85	1349.85	2173.73	0.47
		499.85	499.76	499.85	499.86	499.85				
3	1000	999.78	999.79	999.78	999.77	999.79	999.78	-0.22	0.01	0.47
		999.75	999.76	999.78	999.78	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,

  
 (Calibration Engineer)  
 M. ADHIVAN



Authorised by:

  
 Quality Manager/Chief Executive  
 C. SIVABALAN

## SUNSHINE BIOMEDICAL SOLUTIONS

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