



## CALIBRATION CERTIFICATE

Page No: 1 of 1

Certificate No: SBS/CL/23/14170

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
NACHIKUPPAM-635121, KRISHNAGIRI DISTRICT.

SRF No.

SRF/23/00961-0006

SRF Date

11-10-2023

Date of Receipt

10-10-2023

Date of Calibration

11-10-2023

Due Date for Calibration

10-10-2024

Issue Date

12-10-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	MICROLUX
Range	100-1000µl	Model	NA
Resolution	1µl	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

Calibration Method Used

Temperature (°C)	23.9	Humidity (%RH)	55	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 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

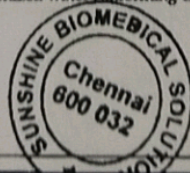
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.77	99.78	99.76	99.75	99.74	99.77	-0.23	0.07	0.47
		99.75	99.76	99.72	99.71	99.95				
2	500	499.95	499.96	499.95	499.96	499.97	499.96	-0.04	0.01	0.47
		499.96	499.97	499.98	499.98	499.96				
3	1000	999.88	999.87	999.88	999.86	999.87	999.88	-0.12	0.01	0.47
		999.89	999.87	999.88	999.89	999.87				

Remarks

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

Calibrated By,

*M. Adhiban*  
(Calibration Engineer)  
M.ADHIBAN



Authorised by:

*C. Sivabalan*  
(Quality Manager, Chief Executive)  
C.SIVABALAN

## SUNSHINE BIOMEDICAL SOLUTIONS

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