

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/03715

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Customer Name & Address

GOVERNMENT COMMUNITY HEALTH CENTRE-MADHANUR,
 CHIRUGATHUR ROAD, MADHANUR-635804, THIRUPATHUR DISTRICT

SRF No.	SRF/23/00125-0006
SRF Date	27-03-2023
Date of Receipt	27-03-2023
Date of Calibration	27-03-2023
Due Date for Calibration	26-03-2024
Issue Date	27-03-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	MICROLUX
Range	0-50,ul	Model	
Resolution	1ul	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

Temperature (°C)	25.4	Humidity (%RH)	56
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6

Calibration Method Used

National / International Standard	ISO 8655-6:2002
Cal Procedure No	SBS/CP/ML/08

Standard Used

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSP/22/12/2115-01	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 (z)
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

- 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, USP Grade3 as specified in ISO 3696.

Calibrated By:

(Signature)
 Calibration Engineer
 PMDUSAMY



Authorised by:

(Signature)
 Quality Manager/Chief Executive
 D.VETRI SELVI

SUNSHINE BIOMEDICAL SOLUTIONS

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