

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13116

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
KOOVATHUR-603305,KANCHIPURAM DISTRICT.

SRF No.	SRF/23/00659-0004
SRF Date	06-09-2023
Date of Receipt	05-09-2023
Date of Calibration	06-09-2023
Due Date for Calibration	05-09-2024
Issue Date	07-09-2023

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
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 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	499.89	499.87	499.89	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

- 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,


(Calibration Engineer)
M.RAGUL



Authorised by:


(Quality Manager/Chief Executive)
C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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