

**CALIBRATION CERTIFICATE**

Certificate No: SBS/CL/23/13117

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**Customer Name & Address**

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

SRF No.	SRF/23/00659-0005
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	NA
Range	10-100µl	Model	NA
Resolution	0.2µl	Material	PVC
Serial Number	RW07933	Operating Range	10-100µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	23.6	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. / 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**

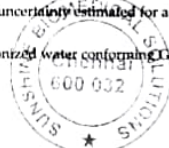
Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	10	9.96	9.97	9.98	9.96	9.98	9.97	-0.03	0.01	0.47	
		9.98	9.96	9.97	9.98	9.96					
2	50	49.95	49.96	49.98	49.95	49.96	49.96	-0.04	0.01	0.47	
		49.95	49.96	49.95	49.96	49.95					
3	100	99.85	99.87	99.85	99.86	99.85	99.86	-0.14	0.01	0.47	
		99.85	99.87	99.88	99.86	99.85					

**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.RAGUL



Authorised by:

  
(Quality Manager/Chief Executive)  
C.SIVABALAN

**SUNSHINE BIOMEDICAL SOLUTIONS**

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