



### CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/15807

Page No: 1 of 1

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
PUDUR-628905, TIICOTHUKUDI DISTRICT.

SRF No.	SRF/23/00954-0003
SRF Date	25-10-2023
Date of Receipt	23-10-2023
Date of Calibration	25-10-2023
Due Date for Calibration	24-10-2024
Issue Date	26-10-2023

**Details of Unit Under Calibration**

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW13289	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**

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing 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**

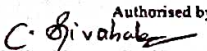
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		1	2	3	4	5				
1	100	99.85	99.86	99.87	99.85	99.84	99.84	-0.16	0.02	0.47
		99.83	99.82	99.85	99.81	99.82				
2	500	499.88	499.87	499.86	499.85	499.84	499.85	-0.15	0.02	0.47
		499.85	499.87	499.85	499.84	499.83				
3	1000	999.95	999.97	999.95	999.94	999.93	999.94	-0.06	0.02	0.47
		999.92	999.91	999.93	999.94	999.95				

**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 Grade) 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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