



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/06938

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
LATCHIVAKKAM-602026, THIRUVALLUR DISTRICT.

SRF No.	SRF/23/00221-0013
SRF Date	13-06-2023
Date of Receipt	13-06-2023
Date of Calibration	13-06-2023
Due Date for Calibration	12-06-2024
Issue Date	14-06-2023

**Details of Unit Under Calibration**

Description	MICRO PIPETTE	Make	THERMO
Range	5-50 µl	Model	FINNPIPETTE F3
Resolution	0.1µl	Material	PVC
Serial Number	RW03013	Operating Range	10-50 µl
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. / 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**

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10.0	9.91	9.93	9.92	9.94	9.96	9.94	-0.06	0.02	0.47
		9.94	9.95	9.93	9.95	9.95				
2	30.0	29.96	29.97	29.98	29.99	29.95	29.95	-0.05	0.03	0.47
		29.90	29.91	29.93	29.94	29.95				
3	50.0	49.85	49.84	49.83	49.85	49.86	49.86	-0.14	0.02	0.47
		49.86	49.87	49.88	49.89	49.90				

**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,

*MR*  
(Calibration Engineer)  
M.RAGUL



Authorised by:

*AS*  
(Quality Manager/Chief Executive)  
D.VETRI SELVI

## SUNSHINE BIOMEDICAL SOLUTIONS

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