

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13129

Page. No : 1 of 1

**Customer Name & Address**

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,  
KEEZHPERUMPAKKAM-605602, VILLUPURAM DISTRICT.

SRF No.	SRF/23/00677-0001
SRF Date	04-10-2023
Date of Receipt	03-10-2023
Date of Calibration	04-10-2023
Due Date for Calibration	03-10-2024
Issue Date	05-10-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	10-100µl	Model	FINNPIPETTE F3
Resolution	0.2µl	Material	PVC
Serial Number	RW09571	Operating Range	10-100µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

Temperature (°C)	23.8	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. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSP22/12/2115-01	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	9.94	9.97	9.95	9.96	9.93	9.95	-0.05	0.02	0.47
		9.98	9.95	9.92	9.97	9.94				
2	50.0	49.85	49.86	49.87	49.82	49.83	49.86	-0.14	0.02	0.47
		49.87	49.86	49.84	49.89	49.87				
3	100.0	99.86	99.87	99.85	99.88	99.89	99.87	-0.13	0.01	0.47
		99.89	99.87	99.89	99.87	99.87				

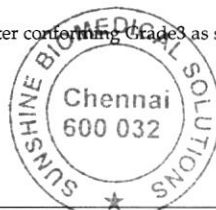
**Remarks**

- 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 Grade 3 as specified in ISO 3696.

Calibrated By,

*M. Adhiban*  
(Calibration Engineer)

M.ADHIBAN



Authorised by:

*C. Sivabalan*  
(Quality Manager/Chief Executive)

C.SIVABALAN

## SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,  
E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.