



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13826

Customer Name & Address

Page No: 1 of 1

GOVERNMENT PRIMARY HEALTH CENTRE,  
NALUVEDHAPATHY-611112, NAGAPATTINAM DISTRICT.

SRF No.	SRF/23/00821-0004
SRF Date	09-10-2023
Date of Receipt	08-10-2023
Date of Calibration	09-10-2023
Due Date for Calibration	08-10-2024
Issue Date	09-10-2023

**Details of Unit Under Calibration**

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

**Environmental Condition**

Temperature (°C)	23.9	Humidity (%RH)	55	Calibration Method Used	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

**Result of Calibration in µl**

Z Factor: 1.00319

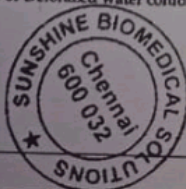
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		1	2	3	4	5				
1	10.0	9.95	9.94	9.97	9.98	9.97	9.96	-0.04	0.01	0.47
		9.96	9.97	9.95	9.96	9.97				
2	50.0	49.95	49.96	49.97	49.96	49.97	49.96	-0.04	0.01	0.47
		49.95	49.96	49.97	49.98	49.96				
3	100.0	99.96	99.97	99.96	99.95	99.97	99.95	-0.05	0.01	0.47
		99.94	99.93	99.95	99.94	99.95				

**Remarks**

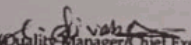
- This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- The user should determine the suitability of the instrument for its intended use.
- The recalibration interval should be determined on the user requirement.
- The results stated in this 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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