

CALIBRATION CERTIFICATE

Customer Name & Address
 GOVERNMENT PRIMARY HEALTH CENTRE,
 R KAVANUR, RAMANATHAPULAM DISTRICT.

SRF No.	SBS/23/0607/0003
SRF Date	06-10-2023
Date of Receipt	05-10-2023
Date of Calibration	06-10-2023
Due Date for Calibration	05-10-2024
Issue Date	07-10-2023


Details of Unit Under Calibration

Description		Micro Pipette	Make	THERMO SCIENTIFIC
Range	10-100µl	Model	FINNPIPETTE F13	
Resolution	0.2µl	Material	PVC	
Serial Number	RW10680	Operating Range	10-100µl	
ID Number	NA	Condition of ULC	Good	
Cal At	Mechanical Lab	Instrument Location	LABORATORY	
Environmental Condition		Calibration Method Used	ISO 8655-6:2002	
Temperature (°C)	23.8	National / International Standard	SBS/CL/MT/08	
Humidity (%RH)	52	Cal Procedure No	SBS/CL/MT/08	
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	


SI. No.	Description	ID No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	151129:8	TVCSPL22/12/2115-01	A&D & G1-252	National Standards	09-12-2025

SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (k)
		1	2	3	4	5				
1	10.0	9.47	9.46	9.48	9.47	9.46	9.45	-0.55	0.02	0.47
		9.42	9.43	9.43	9.44	9.45				
2	50.0	49.57	49.56	49.58	49.56	49.56	49.56	-0.44	0.01	0.47
		49.54	49.56	49.57	49.56	49.54				
3	100.0	98.92	98.94	98.93	98.94	98.93	98.91	-1.09	0.02	0.47
		98.91	98.92	98.89	98.88	98.88				

- 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 to grade 3 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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