

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13179		Page No: 1 of 1	
Customer Name & Address			
GOVERNMENT PRIMARY HEALTH CENTRE, BANAKAMUTLU-635112, KRISHNAGIRI DISTRICT.	SRF No.	SRF/23/00691-0004	
	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 F3
Resolution	0.2µl	Material	PVC
Serial Number	RW10137	Operating Range	10-100µl
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						
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

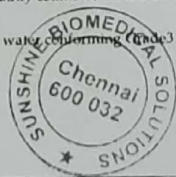
Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		9.64	9.65	9.66	9.67	9.68				
1	10.0	9.64	9.65	9.66	9.67	9.68	9.64	-0.36	0.02	0.47
		9.63	9.62	9.62	9.64	9.62				
2	50.0	49.64	49.68	49.66	49.67	49.65	49.64	-0.36	0.02	0.47
		49.62	49.63	49.64	49.62	49.62				
3	100.0	98.65	98.62	98.63	98.64	98.63	98.64	-1.36	0.01	0.47
		98.66	98.64	98.65	98.62	98.64				

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,

M. Adhivan
(Calibration Engineer)
MADHIBAN



Authorised by:

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

SUNSHINE BIOMEDICAL SOLUTIONS

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