



CALIBRATION CERTIFICATE

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Certificate No: SBS/CL/23/13894		SRF No.	SRF/23/00834-0002
Customer Name & Address GOVERNMENT PRIMARY HEALTH CENTRE, NEERMULAI-614711,NAGAPATTINAM DISTRICT.		SRF Date	09-10-2023
		Date of Receipt	07-10-2023
		Date of Calibration	09-10-2023
		Due Date for Calibration	08-10-2024
		Issue Date	09-10-2023

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

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		Certificate No.	Make/Model	Traceability	Valid till
Sl. No.	Description	ID.No. / Sl. No.		National Standards	
1	Electronic Weighing Balance	15112918	TVCSPL22/12/2115-01	A&D & GH-252	09-12-2023

Z Factor: 1.00319

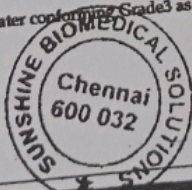
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10.0	9.47	9.46	9.48	9.47	9.46	9.45	-0.55	0.02	0.47
		9.42	9.43	9.43	9.44	9.45				
2	50.0	49.57	49.56	49.58	49.56	49.56	49.56	-0.44	0.01	0.47
		49.54	49.56	49.57	49.56	49.54				
3	100.0	98.92	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

1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
2. The user should determine the suitability of the instrument for its intended use.
3. The recalibration interval should be determined on the user requirement.
4. The results stated in this certificate relate only to the item calibrated.
5. Equipment used for Calibration were calibrated & traceable to National & International Standards
6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By,

M. Adhivan
(Calibration Engineer)
M.ADHIBAN



Authorised by:

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

SUNSHINE BIOMEDICAL SOLUTIONS

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