



CALIBRATION CERTIFICATE

Certificate No: SBS-CL/23-13677

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
KOOTHAKUDI-606008, KALLAKURICHI DISTRICT.

SRF No.	SRF/23/00796-0005
SRF Date	07-10-2023
Date of Receipt	07-10-2023
Date of Calibration	07-10-2023
Due Date for Calibration	06-10-2024
Issue Date	07-10-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	20-100µl	Model	FINNPIPETTE F3
Resolution	0.2µl	Material	PVC
Serial Number	NA	Operating Range	20-100µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

Calibration Method Used

Temperature (°C)	23.6	Humidity (%RH)	54	National / International Standard	ISO 8635-6:2002
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	TVCSP/22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

Result of Calibration in µl

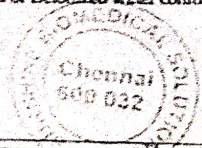
SL.No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	20.0	19.98	19.97	19.96	19.95	19.94	20.00	8.00	25.47	0.47
		100.49	19.92	19.94	19.93	19.96				
2	50.0	49.76	49.77	49.78	49.76	49.77	49.77	-0.23	0.01	0.47
		49.77	49.76	49.76	49.77	49.78				
3	100.0	99.84	99.86	99.87	99.86	99.87	99.86	-0.14	0.01	0.47
		99.86	99.87	99.86	99.87	99.86				

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,

M. Palani
(Calibration Engineer)
M.ADHIBAN



Authorised by:

C. Divya
(Quality Manager/Chief Executive)
CSIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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