

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13076

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE(THELLAR BLOCK),
MAZHAIYUR-604502,VANDAVASI TALUK,TIRUVANNAMALAI DISTRICT.

SRF No.	SRF/23/00665-0003
SRF Date	05-10-2023
Date of Receipt	05-10-2023
Date of Calibration	05-10-2023
Due Date for Calibration	04-10-2024
Issue Date	06-10-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW12896	Operating Range	100-1000µl
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	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	100	99.94	99.96	99.97	99.95	99.90	99.96	-0.04	0.02	0.47	
		99.96	99.95	99.97	99.98	99.98					
2	500	499.85	499.82	499.83	499.82	499.81	499.83	-0.17	0.01	0.47	
		499.82	499.83	499.84	499.85	499.82					
3	1000	999.88	999.89	999.87	999.88	999.85	999.87	-0.13	0.01	0.47	
		999.85	999.86	999.85	999.87	999.87					

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. Dhruva
(Calibration Engineer)
MADHIBAN



Authorised by:

C. Sivalalan
Quality Manager / Chief Executive
C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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