



CALIBRATION CERTIFICATE

Certificate No: SIS/CL/23/05761

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Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
VADASITHUR-641202, COIMBATORE DISTRICT.

SRF No.	SRF/23/00188-0014
SRF Date	20-05-2023
Date of Receipt	19-05-2023
Date of Calibration	20-05-2023
Due Date for Calibration	19-05-2024
Issue Date	22-05-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000 µl	Model	FINN PIPETTE F3
Resolution	1 µl	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	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

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSP122/12/2115-01	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	99.90	99.70	99.69	99.68	99.70	99.79	-0.21	0.10	0.47
		99.89	99.78	99.80	99.89	99.90				
2	500	499.80	499.70	499.60	499.88	499.80	499.83	-0.17	0.11	0.47
		499.88	499.87	499.90	499.94	499.95				
1	1000	999.90	999.80	999.70	999.60	999.70	999.77	-0.23	0.11	0.47
		999.65	999.75	999.89	999.79	999.90				

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)

Authorised by:

(Quality Manager/Chief Executive)

SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,
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