



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13818

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
KOTTUR-625534, THENI DISTRICT.

SRF No.	SRF/23/00818-0003
SRF Date	09-10-2023
Date of Receipt	08-10-2023
Date of Calibration	09-10-2023
Due Date for Calibration	08-10-2024
Issue Date	09-10-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW12616	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. / 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

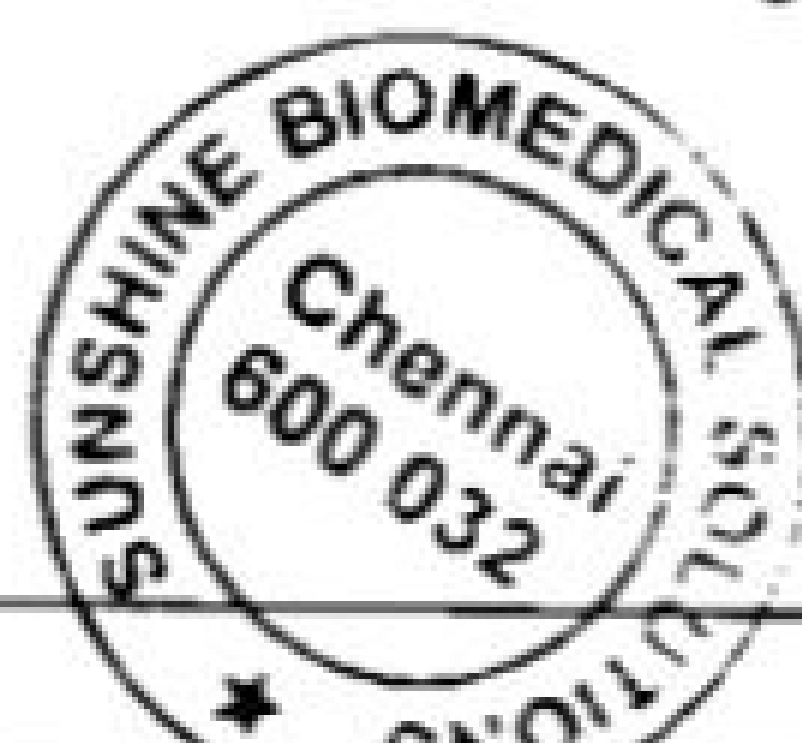
Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.87	99.88	99.85	99.86	99.85	99.87	-0.13	0.01	0.47	
		99.88	99.89	99.87	99.85	99.86					
2	500	499.85	499.86	499.87	499.86	499.87	499.86	-0.14	0.01	0.47	
		499.86	499.87	499.85	499.86	499.85					
3	1000	999.85	999.86	999.85	999.85	999.85	999.85	-0.15	0.01	0.47	
		999.85	999.84	999.83	999.85	999.86					

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. Ragul
(Calibration Engineer)
M.RAGUL



Authorised by:

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

SUNSHINE BIOMEDICAL SOLUTIONS

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

E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.