



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/12919 Page No: 1 of 1

Customer Name & Address		SRF No.	
GOVERNMENT PRIMARY HEALTH CENTRE(MURUKKERI BLOCK), ENDIYUR-604001,VILLUPURAM DISTRICT.		SRF/23/00650-0003	
		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	100-1000ul	Model	FINNPIPETTE F3
Resolution	1ul	Material	PVC
Serial Number	RW03192	Operating Range	100-1000ul
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	13112918	TVCSFL22/12/23115-01	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	99.92	99.91	99.92	99.91	99.90	99.91	-0.09	0.01	0.47
		99.92	99.91	99.91	99.92	99.92				
2	500	499.67	499.68	499.67	499.68	499.67	499.68	-0.32	0.01	0.47
		499.68	499.67	499.68	499.68	499.67				
3	1000	999.66	999.65	999.64	999.63	999.62	999.63	-0.37	0.02	0.47
		999.65	999.64	999.62	999.62	999.61				

- 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,

 (Calibration Engineer)
 MADHIRAN



Authorised by:

 (Quality Manager/Chief Executive)
 C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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