

CALIBRATION CERTIFICATE

Certificate No: SBS-CL/23/13088		Page No: 1 of 1	
Customer Name & Address			
GOVERNMENT CIVIL GRADED PRIMARY HEALTH CENTRE, KILYANUR-60102, VILUPURAM DISTRICT.		SRF No.	SRF-23-00950-0004
		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	RW05217	Operating Range	100-1000ul
ID Number	NA	Condition of UUC	Good
Cal. M	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition			Calibration Method Used		
Temperature (°C)	23.4	Humidity (%RH)	57	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/05


Standard Used						
Sl. No	Description	ID.No / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112018	TVCSP/22/12/2115-01	A&D / GH-252	National Standards	09-12-2023

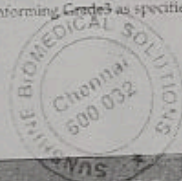
Z Factor: 1.00319

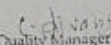
Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (%)
		1	2	3	4	5				
1	100	99.85	99.87	99.83	99.84	99.85	99.89	-0.11	0.04	0.47
		99.89	99.95	99.90	99.87	99.90				
2	500	499.90	499.88	499.86	499.87	499.95	499.88	-0.12	0.03	0.47
		499.87	499.85	499.85	499.85	499.90				
3	1000	999.89	999.88	999.89	999.87	999.90	999.89	-0.12	0.02	0.47
		999.85	999.90	999.91	999.87	999.89				

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 ~~Grade~~ as specified in ISO 3696.

Calibrated By:

 (Calibration Engineer)
 MRANGU



Authorised by:

 (Quality Manager/Chief Executive)
 CSIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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