



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/14194 Page No: 1 of 1

Customer Name & Address		SRF No.	SRF/23/00865-0004
GOVERNMENT PRIMARY HEALTH CENTRE, ULLUGURUKKAI-635113, KRISHNAGIRI DISTRICT.		SRF Date	11-10-2023
		Date of Receipt	10-10-2023
		Date of Calibration	11-10-2023
		Due Date for Calibration	10-10-2024
		Issue Date	12-10-2023

Details of Unit Under Calibration			
Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	NA	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	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Result of Calibration in µl								Z Factor: 1.00319		
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (z)
1	100	100.10	100.12	100.14	100.16	100.14	100.14	0.14	0.02	0.47
		100.14	100.14	100.16	100.14	100.12				
2	500	500.31	500.32	500.34	500.36	500.34	500.34	0.34	0.02	0.47
		500.32	500.34	500.36	500.34	500.34				
3	1000	1001.20	1001.22	1001.23	1001.24	1001.25	1001.25	1.25	0.03	0.47
		1001.26	1001.25	1001.27	1001.28	1001.29				

- Remarks:
1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
 2. The user should determine the suitability of the instrument for its intended use.
 3. The recalibration interval should be determined on the user requirement.
 4. The results stated in this certificate relate only to the item calibrated.
 5. Equipment used for Calibration were calibrated & traceable to National & International Standards
 6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00
 7. Calibration Liquid Used: Distilled or Deionized Water of Reagent Grade 3 as specified in ISO 3696.

Calibrated By:

 (Calibration Engineer)
 MRAGUL



Authorized by:

 (Quality Manager/Chief Executive)
 C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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