



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13372				Page No: 1 of 1						
Customer Name & Address										
GOVERNMENT PRIMARY HEALTH CENTRE, VELLIYANAI-639118, KARUR DISTRICT.				SRF No.	SRF/23/00733-0004					
				SRF Date	07-10-2023					
				Date of Receipt	06-10-2023					
				Date of Calibration	07-10-2023					
				Due Date for Calibration	06-10-2024					
				Issue Date	07-10-2023					
Details of Unit Under Calibration										
Description	MICRO PIPETTE			Make	MICROLUX					
Range	10-100µl			Model	NA					
Resolution	1µl			Material	PVC					
Serial Number	NA			Operating Range	10-100µl					
ID Number	NA			Condition of UUC	Good					
Cal. At	Mechanical Lab			Instrument Location	LABORATORY					
Environmental Condition				Calibration Method Used						
Temperature (°C)	23.6	Humidity (%RH)	54	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										
SI. No.	Description	ID.No. / SI. 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				
Z Factor: 1.00319										
Result of Calibration in µl										
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.96	9.95	9.98	9.96	9.97	9.97	-0.03	0.01	0.47
		9.98	9.96	9.97	9.98	9.95				
2	50	49.86	49.85	49.87	49.86	49.85	49.91	-0.09	0.05	0.47
		49.95	49.96	49.97	49.95	49.95				
3	100	99.98	99.97	99.98	99.96	99.98	99.96	-0.04	0.01	0.47
		99.95	99.96	99.94	99.95	99.96				
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 conforming Grade3 as specified in ISO 3696.										
Calibrated By,				Authorized by:						
 (Calibration Engineer) MADHIBAN				 (Quality Manager/Chief Executive) C.SIVABALAN						
										

### SUNSHINE BIOMEDICAL SOLUTIONS

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