




← 1000156020



CALIBRATION CERTIFICATE										
Certificate No: SBS/CL/23/12454				Page No: 1 of 1						
Customer Name & Address										
GOVERNMENT COMMUNITY HEALTH CENTRE, NARIYAMBUT-635808.				SRF No.	SRF/23/00539-0002					
				SRF Date	27-09-2023					
				Date of Receipt	26-09-2023					
				Date of Calibration	27-09-2023					
				Due Date for Calibration	26-09-2024					
				Issue Date	28-09-2023					
Details of Unit Under Calibration										
Description	MICRO PIPETTE			Make	MICROLUX					
Range	5-50 μ l			Model	NA					
Resolution	1 μ l			Material	PVC					
Serial Number	NA			Operating Range	10-50 μ l					
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)	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				
Z Factor: 1.00319										
Result of Calibration in μ l										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (\pm)
1	10	9.98	9.98	9.99	9.97	9.99	9.96	-0.04	0.03	0.47
		9.93	9.92	9.93	9.94	9.95				
2	30	29.95	29.94	29.95	29.96	29.97	29.96	-0.04	0.01	0.47
		29.96	29.97	29.96	29.97	29.96				
3	50	49.95	49.92	49.93	49.95	49.96	49.95	-0.05	0.01	0.47
		49.93	49.96	49.96	49.95	49.96				
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:				Authorised by:						
 (Calibration Engineer) MADHIBAN				 (Quality Manager/Chief Executive) C.SIVABALAN						
										

SUNSHINE BIOMEDICAL SOLUTIONS

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