

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13085 Page No: 1 of 1

Customer Name & Address		SRF No.	
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, VALATHI-604208,VILLUPURAM DISTRICT.		SRF/23/00563-0007	
		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	MICROLUX
Range	5-50µl	Model	NA
Resolution	1µl	Material	PVC
Serial Number	NA	Operating Range	10-50µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.8	Humidity (%RH)	56	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CL/ML/08


Standard Used						
Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	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	10	9.94	9.96	9.95	9.96	9.93	9.95	-0.05	0.02	0.47	
		9.98	9.95	9.92	9.98	9.97					
2	30	29.94	29.97	29.97	29.96	29.93	29.96	-0.04	0.02	0.47	
		29.98	29.95	29.94	29.97	29.96					
3	50	49.85	49.86	49.87	49.88	49.90	49.87	-0.13	0.03	0.47	
		49.90	49.85	49.82	49.89	49.87					

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 to Grade 3 as specified in ISO 3696.

Calibrated By,

 (Calibration Engineer)
 M.RAGUL



Authorised by:

 (Quality Manager/Chief Executive)
 C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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