

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13087		Page No: 1 of 1
Customer Name & Address		
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, VALATHI-604208, VILLUPURAM DISTRICT.	SRF No.	SRF/23/00565-0009
	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	100-1000µl	Model	NA
Resolution	10µl	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	TVCSP/L22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

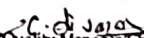
Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.85	99.87	99.85	99.84	99.95	99.89	-0.11	0.04	0.47	
		99.89	99.95	99.90	99.87	99.90					
2	500	499.90	499.95	499.90	499.90	499.95	499.90	-0.10	0.03	0.47	
		499.89	499.88	499.85	499.85	499.90					
3	1000	999.89	999.88	999.89	999.87	999.90	999.91	-0.09	0.03	0.47	
		999.93	999.90	999.91	999.94	999.95					

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 Grade3 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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