

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/06939		Page No: 1 of 1
Customer Name & Address		
GOVERNMENT PRIMARY HEALTH CENTRE, LATCHIVAKKAM-602026, THIRUVALLUR DISTRICT.	SRF No.	SRF/23/00221-0014
	SRF Date	13-06-2023
	Date of Receipt	13-06-2023
	Date of Calibration	13-06-2023
	Due Date for Calibration	12-06-2024
	Issue Date	14-06-2023

Details of Unit Under Calibration			
Description	MICRO PIPETTE	Make	MICROLUX
Range	100-1000 µl	Model	NA
Resolution	10 µl	Material	PVC
Serial Number	NA	Operating Range	100-1000 µl
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						
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										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.91	99.93	99.92	99.95	99.96	99.94	-0.06	0.02	0.47
		99.94	99.95	99.93	99.95	99.95				
2	500	499.85	499.86	499.85	499.84	499.85	499.84	-0.16	0.02	0.47
		499.80	499.83	499.84	499.85	499.86				
3	1000	999.74	999.75	999.76	999.78	999.79	999.76	-0.24	0.02	0.47
		999.76	999.77	999.78	999.75	999.74				

**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,

*M.Ragul*  
(Calibration Engineer)  
M.RAGUL

Authorised by:

*D.Vetri Selvi*  
(Quality Manager/Chief Executive)  
D.VETRI SELVI



## SUNSHINE BIOMEDICAL SOLUTIONS

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