

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/15946		Page No: 1 of 1	
Customer Name & Address			
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, KAMANDODDI-635109, KRISHNAGIRI DISTRICT.		SRF No.	SRF/23/00959-0008
		SRF Date	26-10-2023
		Date of Receipt	25-10-2023
		Date of Calibration	26-10-2023
		Due Date for Calibration	25-10-2024
Details of Unit Under Calibration		Issue Date	27-10-2023

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	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

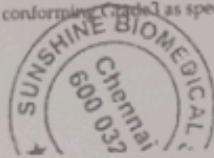
Z Factor: 1.00319

Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.75	99.76	99.75	99.74	99.72	99.75	-0.25	0.02	0.47	
		99.76	99.77	99.78	99.76	99.74					
2	500	499.70	499.72	499.71	499.72	499.73	499.72	-0.28	0.01	0.47	
		499.70	499.70	499.71	499.73	499.74					
3	1000	999.88	999.89	999.87	999.85	999.84	999.85	-0.15	0.03	0.47	
		999.87	999.82	999.83	999.82	999.81					

- 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 1 as specified in ISO 3696.

Calibrated By,

(Calibration Engineer)



Authorised by:

Quality Manager/Chief Executive