



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/12070

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Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
SADRAS, CHENGALPATTU DISTRICT.

SRF No.	SRF/23/00472-0003
SRF Date	29-09-2023
Date of Receipt	28-09-2023
Date of Calibration	29-09-2023
Due Date for Calibration	28-09-2024
Issue Date	30-09-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	GB MAXIPET
Range	5-50µl	Model	NA
Resolution	0.5µl	Material	PVC
Serial Number	394747	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)	25.7	Humidity (%RH)	53	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. / 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	10.0	9.86	9.87	9.88	9.86	9.87	9.87	-0.14	0.01	0.47	
		9.85	9.86	9.87	9.86	9.87					
2	30.0	29.86	29.87	29.88	29.89	29.90	29.87	-0.13	0.02	0.47	
		29.85	29.86	29.87	29.88	29.88					
3	50.0	49.89	49.88	49.87	49.86	49.87	49.87	-0.13	0.01	0.47	
		49.86	49.87	49.88	49.89	49.85					

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,

M. Adhiban
(Calibration Engineer)

M.ADHIBAN



Authorised by:

C. Sivabalan
(Quality Manager/Chief Executive)
C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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