

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/14356

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
KAPPALVADI-635104, KRISHNAGIRI DISTRICT.

SRF No.	SRF/23/00880-0005
SRF Date	13-10-2023
Date of Receipt	12-10-2023
Date of Calibration	13-10-2023
Due Date for Calibration	12-10-2024
Issue Date	14-10-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	NA
Range	10-100µl	Model	NA
Resolution	0.2µl	Material	PVC
Serial Number	NA	Operating Range	10-100µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

Temperature (°C)	23.9	Humidity (%RH)	55	Calibration Method Used	
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	National / International Standard	ISO 8655-6:2002
Standard Used				Cal Procedure No	SBS/CP/ML/08

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

Result of Calibration in µl

Z Factor: 1.00319

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		9.94	9.97	9.94	9.96	9.93				
1	10.0	9.98	9.95	9.92	9.97	9.96	9.95	-0.05	0.02	0.47
		49.85	49.86	49.87	49.82	49.83				
2	50.0	49.87	49.85	49.82	49.89	49.87	49.85	-0.15	0.02	0.47
		99.94	99.97	99.96	99.95	99.98				
3	100.0	99.93	99.95	99.97	99.94	99.95	99.95	-0.05	0.02	0.47

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 Grade as specified in ISO 3696.

Calibrated By,
M. Adhiban
(Calibration Engineer)
MADHIBAN



Authorised by:
C. Sivabalan
(Quality Manager/Chief Executive)
C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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