



CALIBRATION CERTIFICATE

Certificate No: SBS/CI/23/11984

Page No

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
POOJAMBADI-621110

SRF No	SRF/23/00452-0001
SRF Date	28-09-2023
Date of Receipt	27-09-2023
Date of Calibration	28-09-2023
Due Date for Calibration	27-09-2024
Issue Date	29-09-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	HANDYPETTE
Range	10-100µl	Model	NA
Resolution	1µl	Material	PVC
Serial Number	111705113	Operating Range	10-100µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

Calibration Method Used

Temperature (°C)	23.2	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. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid
1	Electronic Weighing Balance	15112918	TVCSP/22/12/2115-01	A&D & G11-252	National Standards	09-12-

Z Factor: 1.00319

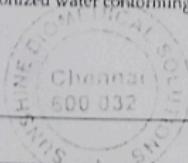
Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.87	9.86	9.88	9.88	9.88	9.87	-0.13	0.01	0.47
		9.88	9.88	9.87	9.86	9.87				
2	50	49.74	49.76	49.78	49.74	49.76	49.76	-0.24	0.02	0.47
		49.78	49.74	49.78	49.78	49.78				
3	100	99.84	99.86	99.87	99.87	99.88	99.87	-0.13	0.01	0.47
		99.87	99.88	99.86	99.87	99.88				

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. Adhivan
(Calibration Engineer)
MADHIBAN



Authorised by:

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

SUNSHINE BIOMEDICAL SOLUTIONS

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