



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/11163

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
PANNANDUR-635123, KRISHI INAGIRI DISTRICT.

SRF No.	SRF/23/00660-0006
SRF Date	11-10-2023
Date of Receipt	10-10-2023
Date of Calibration	11-10-2023
Due Date for Calibration	10-10-2024
Issue Date	12-10-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	MICROLUX
Range	100-1000 μ l	Model	NA
Resolution	10 μ l	Material	PVC
Serial Number	NA	Operating Range	100-1000 μ l
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

Temperature (°C)	23.9	Humidity (%RH)	55
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6

Calibration Method Used

National / International Standard	ISO 655-6:2002
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	15112911	TVCS/PL22/12/2115-01	A&D & G15-252	National Standards	09-12-2023

Result of Calibration in μ l

Z Factor: 1.00319

SL No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (s)
		1	2	3	4	5				
1	100	99.94	99.95	99.92	99.96	99.94	99.94	-0.06	0.02	0.47
		99.91	99.92	99.94	99.95	99.96				
2	500	499.95	499.95	499.96	499.97	499.96	499.96	-0.04	0.01	0.47
		499.95	499.94	499.96	499.97	499.98				
3	1000	999.95	999.97	999.96	999.97	999.98	999.95	-0.05	0.03	0.47
		999.90	999.91	999.95	999.94	999.95				

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 (conductivity Grade) as specified in ISO 3696.

Calibrated By:

A. Adhikari
(Calibration Engineer)
MADHURAN



Authorised by:

CSIVABALAN
Quality Management Executive
CSIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

No. 6, First Floor, Poomagal Main Road, Ekattuthangal, Chennai - 600 032. Tel: 044 - 2225 2087.
E-Mail: calibration@sunshinebiomedical.com. Website: www.sunshinebiomedical.com.

