

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/22/08033

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,

T.POTTAKOLLAI,ARIYALUR-621804.

SRF No.	SRF/22/00192-0008 & 24-08-2022
SRF Date	
Date of Receipt	26-08-2022
Date of Calibration	29-08-2022
Due Date for Calibration	28-08-2023
Issue Date	29-08-2022

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	MICROLUX
Range	100-1000µl	Model	
Resolution	10 µl	Material	PVC
Serial Number	NA	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

**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. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSP/L21/12/1587-01	A&D & GH-252	National Standards	10-12-2022

Z Factor: 1.00319

**Result of Calibration in µl**

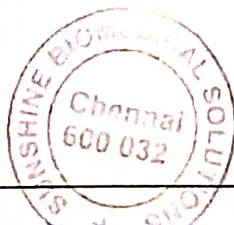
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.82	99.83	99.82	99.83	99.82	99.88	-0.12	0.06	0.47
		99.93	99.94	99.93	99.94	99.93				
2	500	499.93	499.92	499.93	499.92	499.93	499.92	-0.08	0.01	0.47
		499.91	499.90	499.91	499.90	499.91				
3	1000	999.84	999.85	999.84	999.85	999.84	999.85	-0.15	0.01	0.47
		999.87	999.86	999.84	999.86	999.87				

**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 Grade3 as specified in ISO 3696.

Calibrated By,

*R.Yaziniyan*  
(Calibration Engineer)  
R.YAZINIYAN



Authorised by:

*D.Vetri Selvi*  
(Quality Manager/Chief Executive)  
D.VETRI SELVI