

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/22/14603

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE, VAGARAYAMPALAYAM-641659,COIMBATORE DISTRICT.	SRF No.	SRF/22/00127/00196
	SRF Date	16-12-2022
	Date of Receipt	16-12-2022
	Date of Calibration	16-12-2022
	Due Date for Calibration	15-12-2023
	Issue Date	16-12-2022

Details of Unit Under Calibration

Description	Micro Pipette	Make	MICROLUX
Range	5-50 μ l	Model	
Resolution	1 μ l	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.2	Humidity (%RH)	52	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 till
1	Electronic Semi Micro Balance	15112918	TVCSP/22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

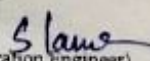
Z Factor: 1.00319

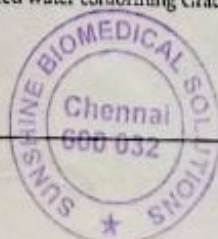
Result of Calibration in μ l										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (\pm)
1	10	9.87	9.86	9.87	9.87	9.88	9.87	-0.13	0.01	0.47
		9.88	9.86	9.87	9.88	9.89				
2	30	29.76	29.77	29.78	29.79	29.76	29.78	-0.22	0.01	0.47
		29.77	29.78	29.79	29.78	29.78				
3	50	49.88	49.87	49.88	49.87	49.88	49.87	-0.13	0.01	0.47
		49.87	49.86	49.86	49.87	49.88				

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,


(Calibration Engineer)
S.LAKSHMANAN MURUGAN



Authorised by:


(Quality Manager/Chief Executive)
D.VETRI SELVI