



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01655

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
MELARAMANATHI-623603, RAMANATHAPURAM DISTRICT.

SRF No.	SRF/23/00050-0024
SRF Date	07-02-2023
Date of Receipt	07-02-2023
Date of Calibration	07-02-2023
Due Date for Calibration	06-02-2024
Issue Date	08-02-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	MICROLUX
Range	20-100µl	Model	
Resolution	1 µl	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)	23.9	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	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

Result of Calibration in µl

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	20	19.83	19.84	19.83	19.84	19.83	19.83	-0.17	0.01	0.47
		19.82	19.83	19.82	19.83	19.82				
2	50	49.80	49.81	49.80	49.80	49.81	49.84	-0.16	0.04	0.47
		49.88	49.87	49.88	49.87	49.88				
3	100	99.86	99.84	99.86	99.84	99.86	99.88	-0.12	0.03	0.47
		99.92	99.91	99.92	99.91	99.92				

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,

U. Ya
(Calibration Engineer)
R.YAZINIYAN

Authorised by:

[Signature]
(Quality Manager/Chief Executive)
D.VETRI SELVI

