

CALIBRATION CERTIFICATE

Certificate No: SRS/CL/23/01654

Page No: 1 of 1

GOVERNMENT PRIMARY HEALTH CENTRE,
MILARAMANATHI-623603, RAMANATHAPURAM DISTRICT,

SRF No.	SRS/23/00050-0023
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	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)	23.9	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. / 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	9.95	9.94	9.95	9.94	9.95	9.88	-0.12	0.07	0.47
		9.80	9.82	9.82	9.80	9.82				
2	30	29.81	29.82	29.81	29.82	29.81	29.83	-0.18	0.01	0.47
		29.84	29.83	29.84	29.83	29.84				
3	50	49.97	49.98	49.97	49.98	49.97	49.91	-0.09	0.07	0.47
		49.85	49.84	49.85	49.84	49.85				


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)
R.YAZINIYAN

Authorised by:


(Quality Manager/Chief Executive)
D.VÉTRI SELVI