

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/00234

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Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
RAMAPURAM-603201, MADURANTHAKAM TALUK,
CHENGALPATTU DISTRICT.

SRF No.	SRF/23/00009-0014
SRF Date	14-01-2023
Date of Receipt	12-01-2023
Date of Calibration	14-01-2023
Due Date for Calibration	13-01-2024
Issue Date	14-01-2023

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	LABORATORY

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

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Result of Calibration in μ l

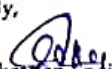
Z Factor: 1.00319

SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (\pm)
1	10	9.96	9.94	9.93	9.95	9.94	9.93	-0.07	0.02	0.47
		9.93	9.92	9.90	9.92	9.94				
2	30	29.96	29.97	29.96	29.97	29.96	29.95	-0.05	0.02	0.47
		29.93	29.92	29.93	29.92	29.93				
3	50	49.92	49.88	49.80	49.84	49.87	49.86	-0.14	0.04	0.47
		49.92	49.88	49.80	49.84	49.87				

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,


(Calibration Engineer)
M.BALAJI



Authorised by:


(Quality Manager/Chief Executive)
D.VETRI SELVI