

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/01054

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Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE KUNNAM, VANUR(B),KUNNAM-604304,VILLUPURAM DISTRICT.	SRF No.	SRF/23/00034-0018
	SRF Date	08-02-2023
	Date of Receipt	08-02-2023
	Date of Calibration	08-02-2023
	Due Date for Calibration	07-02-2024
	Issue Date	08-02-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	MICROLUX
Range	10-100µl	Model	
Resolution	10µl	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)	23.2	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	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	10	9.93	9.94	9.93	9.94	9.93	9.94	-0.06	0.01	0.47
		9.94	9.95	9.94	9.95	9.94				
2	50	49.80	49.81	49.80	49.81	49.80	49.83	-0.17	0.03	0.47
		49.85	49.86	49.87	49.86	49.85				
3	100	99.90	99.91	99.90	99.91	99.90	99.93	-0.07	0.03	0.47
		99.96	99.97	99.96	99.97	99.96				

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)
 R.YAZINIYAN



Authorized by:


 (Quality Manager/Chief Executive)
 D.VETRI SELVI