

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/03262

Page No: 1 of 1

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
NO.1,BHAJANAI KOVIL STREET,SEMBAKKAM,TAMBARAM

SRF No.	SRF/23/00111-0015
SRF Date	20-03-2023
Date of Receipt	20-03-2023
Date of Calibration	20-03-2023
Due Date for Calibration	19-03-2024
Issue Date	20-03-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	RIGHT O PLUS
Range	10-100µl	Model	
Resolution	1µl	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

Sl. No.	Description	ID.No. / Sl. 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

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	9.64	9.65	9.66	9.67	9.68	9.64	-0.36	0.02	0.47
		9.63	9.62	9.62	9.64	9.62				
2	50	49.64	49.68	49.66	49.67	49.65	49.64	-0.36	0.02	0.47
		49.62	49.63	49.64	49.62	49.62				
3	100	98.65	98.62	98.63	98.64	98.63	98.64	-1.36	0.01	0.47
		98.66	98.64	98.65	98.62	98.64				

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,

R.Yaziniyan
(Calibration Engineer)
R.YAZINIYAN



Authorised by:

D.Vetri Selvi
(Quality Manager/Chief Executive)
D.VETRI SELVI