



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/22/14874

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
AVATTI-606108, CUDDALORE DISTRICT.

SRF No.	SRF/22/00344-0019
SRF Date	26-12-2022
Date of Receipt	24-12-2022
Date of Calibration	26-12-2022
Due Date for Calibration	25-12-2023
Issue Date	26-12-2022

Details of Unit Under Calibration

Description	Micro Pipette	Make	BOROSIL
Range	5-50µl	Model	
Resolution	0.01µl	Material	PVC
Serial Number	18110462	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	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

Result of Calibration in µl

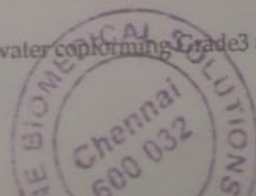
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10.00	9.95	9.96	9.95	9.96	9.96	9.95	-0.05	0.01	0.47
		9.94	9.95	9.93	9.93	9.94				
2	25.00	24.91	24.90	24.90	24.92	24.91	24.91	-0.09	0.01	0.47
		24.90	24.89	24.89	24.92	24.92				
3	50.00	49.84	49.83	49.85	49.84	49.84	49.84	-0.16	0.01	0.47
		49.85	49.83	49.85	49.83	49.86				

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)



Authorized by:

(Quality Manager/Chief Executive)
D VETRI SELVI