



CALIBRATION CERTIFICATE

Page No. 1 of 1

Certificate No: SBSCL/23/10343

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,

PODALA & ULLAISWAMY DISTRICT

SERF No.	SHR/73/00318-0023
Date	17-08-2023
Receipt Date	16-08-2023
Date of Calibration	17-08-2023
Due Date for Calibration	16-08-2024
Issue Date	17-08-2023

Details of Unit Under Calibration

Description	MICROPIPETTE
Range	0.1-100 µl
Resolution	0.2 µl
Serial Number	QW10138
ID Number	N/A
Cal. At	Mechanical Lab

Environmental Condition

Temperature (°C)	23.9	Humidity (%RH)	57	National / International Standard	ISO 8655-6:2012
Atmospheric Pressure (mbar)	1000b	Water Temperature (°C)	21.6	Cal Procedure No	SBS-CPNML-08

Standard Used

Sl. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electrode Weighing Balance	15112918	TVCSP122/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Result of Calibration in µl

Sl. No.	Nominal Value	Observed Readings				Mean Value	Systematic Error	Random Error	Measurement Uncertainty (z)
		1	2	3	4				
1	10.0	9.94	9.93	9.95	9.97	9.96	-0.06	0.02	0.47
2	50.0	49.83	49.84	49.82	49.85	49.86	-0.14	0.02	0.47
3	100.0	99.72	99.73	99.70	99.76	99.75	-0.27	0.02	0.47
	99.70	99.71	99.74	99.72	99.73				

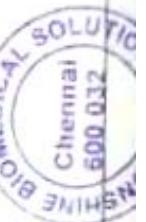
Remarks

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 stand 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 98% for a coverage factor k=2(0)
7. Calibration Liquid Used Distilled or Deionized water (purification Grade) as specified in ISO 3696

Calibrated By:

Y. S. SADHANA
S. SADHANA

S. SADHANA



Authored by:

D. VETRI SELVI
D. VETRI SELVI