

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/00577

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE KASPA,
NO 1, ADAVANTHALERI STREET, KASPA-632003, VELLORE DISTRICT.

SRF No.	SRF/23/00026-0033
SRF Date	28-01-2023
Date of Receipt	27-01-2023
Date of Calibration	28-01-2023
Due Date for Calibration	27-01-2024
Issue Date	28-01-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	P FACT
Range	10-100µl	Model	
Resolution	1 µl	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

Z Factor: 1.00319

Result of Calibration in µl

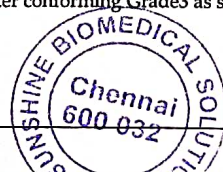
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.85	9.84	9.85	9.84	9.85	9.86	-0.15	0.01	0.47
		9.86	9.87	9.86	9.87	9.86				
2	50	49.80	49.81	49.80	49.81	49.80	49.82	-0.18	0.02	0.47
		49.83	49.84	49.83	49.84	49.83				
3	100	99.91	99.92	99.91	99.92	99.91	99.88	-0.12	0.04	0.47
		99.85	99.84	99.85	99.84	99.84				

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,

R. Yazinian
(Calibration Engineer)
R.YAZINIYAN



Authorised by:

D. V. Selvi
(Quality Manager/Chief Executive)
D.V. SELVI