

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13624

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
ASANUR, KALLAKURICHI DISTRICT.

SRF No.	SRF/23/00783-0003
SRF Date	07-10-2023
Date of Receipt	06-10-2023
Date of Calibration	07-10-2023
Due Date for Calibration	06-10-2024
Issue Date	07-10-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW374892	Operating Range	100-1000µl
ID Number	NA	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 Weighing 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	9.86	9.87	9.85	9.86	9.87	9.86	-0.14	0.01	0.47	
		9.86	9.87	9.85	9.84	9.83					
2	50	49.85	49.86	49.87	49.85	49.85	49.84	-0.16	0.02	0.47	
		49.82	49.83	49.82	49.82	49.81					
3	100	99.90	99.91	99.92	99.93	99.90	99.92	-0.08	0.01	0.47	
		99.92	99.93	99.92	99.91	99.92					

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 uncertainties 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,

(Signature)
(Calibration Engineer)
M RAGUI



Authorised by:

(Signature)
(Quality Manager/Chief Executive)
C SIVABALAN