



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/22/11949

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
IDIKARALKEERANATHAM PUTHUPALAYAM,
COIMBATORE-641035.

SRF No.	SRF/00261-0024
SRF Date	29-10-2022
Date of Receipt	31-10-2022
Date of Calibration	31-10-2022
Due Date for Calibration	30-10-2023
Issue Date	31-10-2022

Details of Unit Under Calibration

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	10-100 μ l	Model	FINNPIPETTE F3
Resolution	0.2 μ l	Material	PVC
Serial Number	RW05696	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

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	TVCSP12/12/1587-01	A&D & GH-252	National Standards	10-12-2022

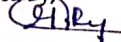
Z Factor: 1.00319

Result of Calibration in μ l										
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (\pm)
1	10	9.81	9.82	9.81	9.82	9.81	9.82	-0.18	0.01	0.47
		9.82	9.83	9.82	9.83	9.82				
2	50	49.90	49.91	49.90	49.91	49.90	49.87	-0.13	0.03	0.47
		49.84	49.85	49.84	49.85	49.84				
3	100	99.87	99.88	99.87	99.88	99.87	99.84	-0.16	0.04	0.47
		99.81	99.80	99.81	99.80	99.81				

Remarks

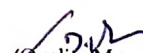
- 1.This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
- 2.The user should determine the suitability of the instrument for its intended use.
- 3.The recalibration interval should be determined on the user requirement.
- 4.The results stated 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:


(Calibration Engineer)
M.BALAJI



Authorised by:


(Quality Manager/Chief Executive)
D.VETRI SELVI