



## CALIBRATION CERTIFICATE

Page No. 1 of 1

Certificate No: SBS/CL/23/17094

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
IPPULIYAPURAM-621011, TIRUCHY DISTRICT.

SRF No.	SRF/23/01010-0005
SRF Date	01-11-2023
Date of Receipt	01-11-2023
Date of Calibration	01-11-2023
Due Date for Calibration	31-10-2024
Issue Date	02-11-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	500µl	Model	FINN PIPETTE F3
Resolution	FIXED	Material	PVC
Serial Number	NA	Operating Range	500µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	23.7	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	TVCSP/22/12/2115-01	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	2	3	4	5				
1	500	499.95	499.97	499.96	499.94	499.95	499.94	-0.07	0.03	0.47
		499.90	499.95	499.90	499.93	499.90				

**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,

*Be*  
(Calibration Engineer)  
MIRACUL



Authorized by:

*C. Sivabalan*  
(Quality Manager/Chief Executive)  
C.SIVABALAN