



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/03979

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**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE, PULIYUR-602024, THIRUVALLUR DISTRICT.	SRF No.	SRF/23/00146-0010
	SRF Date	07-04-2023
	Date of Receipt	06-04-2023
	Date of Calibration	07-04-2023
	Due Date for Calibration	06-04-2024
	Issue Date	07-04-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW02889	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.2	Humidity (%RH)	52	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	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

**Z Factor: 1.00319**

Result of Calibration in µl											
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.92	99.94	99.96	99.92	99.96	90.95	-9.05	28.46	0.47	
		99.95	99.97	99.98	99.96	99.93					
2	500	499.83	499.81	499.86	499.88	499.86	499.83	-0.17	0.04	0.47	
		499.78	499.76	499.82	499.84	499.81					
3	1000	999.72	999.74	999.70	999.74	999.72	999.72	-0.28	0.02	0.47	
		999.70	999.71	999.74	999.71	999.75					

**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)  
 R.YAZINIYAN



Authorised by:

(Quality Manager/Chief Executive)  
 D.VETRI SELVI