

**CALIBRATION CERTIFICATE**

Certificate No: SBS/CL/23/13180		
Customer Name & Address		
GOVERNMENT PRIMARY HEALTH CENTRE, BANAKAMUTLU-635112, KRISHNAGIRI DISTRICT.	SRF No.	SRF/23/00691-0005
	SRF Date	06-10-2023
	Date of Receipt	05-10-2023
	Date of Calibration	06-10-2023
	Due Date for Calibration	05-10-2024
	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	RW13012	Operating Range	100-1000µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

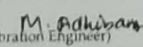
Environmental Condition				Calibration Method Used	
Temperature (°C)	23.9	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

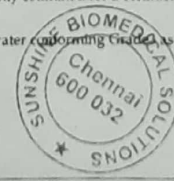
Standard Used						
Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSP/22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

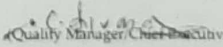
Z Factor: 1.00319

Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		1	100	99.92	99.91	99.92				
2	500	499.67	499.68	499.67	499.68	499.67	499.68	-0.32	0.01	0.47
		499.68	499.67	499.68	499.68	499.67				
3	1000	999.66	999.65	999.64	999.63	999.62	999.63	-0.37	0.02	0.47
		999.65	999.64	999.62	999.62	999.61				

- 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 Grade as specified in ISO 3696.

Calibrated By,   
(Calibration Engineer)  
M.ADHIBAN



Authorised by:  
  
 Quality Manager, Chief Executive  
 C.SIVABALAN

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