

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/11810		Page No: 1 of 1	
Customer Name & Address			
GOVERNMENT UNGRADED PRIMARY HEALTH CENTRE, PANAPAKKAM-631052		SRF No.	SRF/23/00424-0001
		SRF Date	27-09-2023
		Date of Receipt	25-09-2023
		Date of Calibration	27-09-2023
		Due Date for Calibration	26-09-2024
		Issue Date	28-09-2023

Details of Unit Under Calibration			
Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW12653	Operating Range	100-1000µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

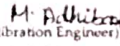
Environmental Condition			Calibration Method Used		
Temperature (°C)	23.9	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08

Standard Used						
Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSPL22/12/2115-01	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	99.85	99.85	99.85	99.85	99.95	99.89	-0.11	0.04	0.47	
		99.89	99.95	99.90	99.87	99.90					
2	500	499.90	499.95	499.95	499.89	499.95	499.90	-0.10	0.04	0.47	
		499.89	499.88	499.85	499.85	499.90					
3	1000	999.91	999.95	999.97	999.96	999.93	999.95	-0.05	0.02	0.47	
		999.98	999.97	999.95	999.96	999.94					

- 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:

 (Calibration Engineer)
 MADHIBAN



Authorised by:

 (Quality Manager/Chief Executive)
 C.SIVABALAN

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