



### CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13703							Page No: 1 of 1			
Customer Name & Address										
GOVERNMENT PRIMARY HEALTH CENTRE, VAANAPURAM-605801,KALLAKURICHI DISTRICT.				SRF No.	SRF/23/00797-0005					
				SRF Date	07-10-2023					
				Date of Receipt	07-10-2023					
				Date of Calibration	07-10-2023					
				Due Date for Calibration	06-10-2024					
				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	RW09660	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 (z)
1	100	99.85	99.87	99.85	99.84	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	499.90	499.90	499.95	499.90	-0.10	0.03	0.47
		499.89	499.88	499.85	499.85	499.90				
3	1000	999.89	999.88	999.89	999.87	999.90	999.91	-0.09	0.03	0.47
		999.93	999.90	999.91	999.94	999.95				
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, <i>M. Madhiban</i> (Calibration Engineer) MADHIBAN							Authorised by: <i>C. Sivabalan</i> (Quality Manager/Chief Executive) CSIVABALAN			

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