



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/08231 Page No: 1 of 1

Customer Name & Address			
GOVERNMENT PRIMARY HEALTH CENTRE, ATTUPAKKAM-631051, VELLORE DISTRICT.	SRF No.	SRF/23/00251-0004	
	SRF Date	04-07-2023	
	Date of Receipt	05-07-2023	
	Date of Calibration	04-07-2023	
	Due Date for Calibration	03-07-2024	
	Issue Date	06-07-2023	

Details of Unit Under Calibration			
Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000 µl	Model	FINN PIPETTE F3
Resolution	1 µl	Material	PVC
Serial Number	RW12493	Operating Range	
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						
SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSP/L2/12/2115-01	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	99.86	99.87	99.88	99.87	99.82	-0.18	0.05	0.47	
		99.78	99.79	99.79	99.76	99.79					
2	500	499.87	499.88	499.88	499.89	499.87	499.91	-0.09	0.03	0.47	
		499.92	499.93	499.94	499.95	499.96					
1	1000	999.86	99.87	999.93	999.92	999.95	999.89	-90.12	284.61	0.47	
		999.85	999.86	999.87	999.85	999.89					

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 with a confidence level of approximately 95% for a coverage factor k=2.00.
7. Calibration Liquid Used: Distilled or Deionized water conforming to Grade 3 as specified in ISO 3696.

Calibrated By,


 (Calibration Engineer)
MRAGUL



Authorised by:


 (Quality Manager/Chief Executive)
D.VETRI SELVI