



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13573 Page No: 1 of 1

Customer Name & Address		SRF No.	SRS/23/00770-0004
GOVERNMENT URBAN PRIMARY HEALTH CENTRE, VEDARANIYAM-614810,NAGAPATTINAM DISTRICT.		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	RW112666	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. / SI. 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

Result of Calibration in µl							Z Factor: 1.00319			
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (s)
1	100	99.92	99.91	99.92	99.91	99.90	99.91	-0.09	0.01	0.47
		99.92	99.91	99.91	99.92	99.92				
2	500	499.67	499.68	499.67	499.68	499.67	499.68	-0.32	0.01	4
		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	4
		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 Grade3 as specified in ISO 3696.

Calibrated By,  (Calibration Engineer) MADHIVAN

Authorised by:  (Quality Manager/Chief Executive) C.SIVABALAN



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