

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13139 Page No: 1 of 1

Customer Name & Address		SRF No.	SRF/23/00680-0003
GOVERNMENT PRIMARY HEALTH CENTRE(THELLAR BLOCK), KUNNAGAMPOONDI-604501,TIRUVANNAMALAI DISTRICT.		SRF Date	05-10-2023
		Date of Receipt	05-10-2023
		Date of Calibration	05-10-2023
		Due Date for Calibration	04-10-2024
		Issue Date	06-10-2023

Details of Unit Under Calibration			
Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	100-1000µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	RW12590	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	2	3	4	5				
1	100	99.94	99.96	99.97	99.95	99.90	99.96	-0.04	0.02	0.47
		99.96	99.95	99.97	99.98	99.98				
2	500	499.95	499.96	499.95	499.97	499.98	499.96	-0.04	0.01	0.47
		499.96	499.97	499.95	499.95	499.96				
3	1000	999.95	999.96	999.97	999.96	999.98	999.96	-0.04	0.01	0.47
		999.95	999.96	999.97	999.97	999.97				

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, Drinking Grade3 as specified in ISO 3696.

Calibrated By: 
(Calibration Engineer)
M.RAGUL


 Chennai
 600 032

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