



CALIBRATION CERTIFICATE

Certificate No: SBS-CL/23/13318		SRF No.	SRF/23/00720-0002
Customer Name & Address GOVERNMENT PRIMARY HEALTH CENTRE, INUNGIURKARUR DISTRICT		SRF Date	07-10-2023
		Date of Receipt	06-10-2023
		Date of Calibration	07-10-2023
		Due Date for Calibration	06-10-2024
		Issue Date	07-10-2023

Details of Unit Under Calibration		Make	THERMO SCIENTIFIC
Description	MICRO PIPETTE	Model	FINNPIPETTE F3
Range	100-1000µl	Material	PVC
Resolution	1µl	Operating Range	100-1000µl
Serial Number	RW02871	Condition of UUC	Good
ID Number	NA	Instrument Location	LABORATORY
Cal. At	Mechanical Lab		

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


Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCS/PL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

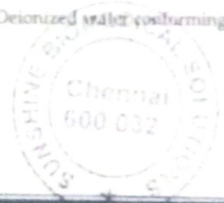
Z Factor: 1.00319

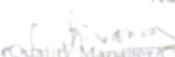
Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.95	99.96	99.94	99.98	99.96	99.96	-0.04	0.01	0.47	
		99.96	99.97	99.98	99.97	99.95					
2	500	499.95	499.96	499.95	499.96	499.97	499.96	-0.04	0.01	0.47	
		499.96	499.97	499.98	499.98	499.96					
3	1000	999.98	999.97	999.95	999.96	999.97	999.97	-0.03	0.01	0.47	
		999.96	999.97	999.98	999.96	999.97					

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,

 (Calibration Engineer)
 MATHIBAN



Authorised by:

 (Quality Manager/Chief Executive)
 CSIVABALAN