



CALIBRATION CERTIFICATE

Page. No : 1 of 1

Certificate No: SBS/CL/23/12071

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
SADRAS, CHENGALPATTU DISTRICT.

SRF No.	SRF/23/00472-0004
SRF Date	29-09-2023
Date of Receipt	28-09-2023
Date of Calibration	29-09-2023
Due Date for Calibration	28-09-2024
Issue Date	30-09-2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	10-100µl	Model	FINNPIPETTE F3
Resolution	0.2µl	Material	PVC
Serial Number	RW05711	Operating Range	10-100µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

Calibration Method Used

Temperature (°C)	25.7	Humidity (%RH)	53	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

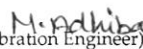
Z Factor: 1.00319

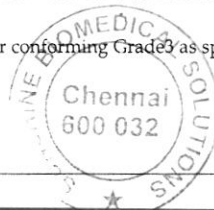
Result of Calibration in µl											
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	10.0	9.96	9.97	9.98	9.96	9.95	9.95	-0.05	0.02	0.47	
		9.92	9.93	9.94	9.95	9.96					
2	50.0	49.96	49.97	49.98	49.99	49.98	49.97	-0.03	0.01	0.47	
		49.97	49.98	49.97	49.99	49.95					
3	100.0	99.95	99.96	99.97	99.95	99.97	99.97	-0.03	0.01	0.47	
		99.96	99.97	99.98	99.99	99.98					

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 Grade 3 as specified in ISO 3696.

Calibrated By,


 (Calibration Engineer)
 M.ADHIBAN



Authorised by:


 (Quality Manager/Chief Executive)
 C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS

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