

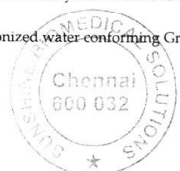




## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13774				Page No: 1 of 1						
Customer Name & Address										
GOVERNMENT PRIMARY HEALTH CENTRE, IYYAMPETTAI-631601,KANCHIPURAM DISTRICT.				SRF No.	SRF/23/00661-0004					
				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										
Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC							
Range	100-1000 $\mu$ l	Model	FINNPIPETTE F3							
Resolution	1 $\mu$ l	Material	PVC							
Serial Number	RW11992	Operating Range	100-1000 $\mu$ l							
ID Number	NA	Condition of UUC	Good							
Cal. At	Mechanical Lab	Instrument Location	LABORATORY							
Environmental Condition				Calibration Method Used						
Temperature ( $^{\circ}$ C)	23.9	Humidity (%RH)	55	National / International Standard	ISO 8655-6:2002					
Atmospheric Pressure (mbar)	1006	Water Temperature ( $^{\circ}$ 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 $\mu$ l										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty ( $\pm$ )
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										
<ol style="list-style-type: none"> <li>This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.</li> <li>The user should determine the suitability of the instrument for its intended use.</li> <li>The recalibration interval should be determined on the user requirement.</li> <li>The results stated in this certificate relate only to the item calibrated.</li> <li>Equipment used for Calibration were calibrated &amp; traceable to National &amp; International Standards</li> <li>The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor <math>k=2.00</math>.</li> <li>Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.</li> </ol>										
Calibrated By,				Authorized by:						
 (Calibration Engineer) MADHIBAN				 (Quality Manager/Chief Executive) C.SIVABALAN						
										

## SUNSHINE BIOMEDICAL SOLUTIONS

No:68, First Floor, Poomagal Main Road, Ekkattuthangal, Chennai - 600 032, Tel: 044 - 2225 2087,  
E-Mail: calibration@sunshinebiomedical.com, Website: www.sunshinebiomedical.com.