



CALIBRATION CERTIFICATE

Certificate No: SRS/CL/23/13711		Page No: 1 of 1								
Customer Name & Address										
GOVERNMENT PEDIKARI HEALTH CENTRE, KUDYANALLUR-606003,VILLUPURAM DISTRICT.		SRF No.	SRT/23/00799-0004							
		SRF Date	07-10-2023							
		Date of Receipt	07-10-2023							
		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	100-1000µl	Model	PIPETTE F3							
Resolution	1µl	Material	PVC							
Serial Number	NA	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							
Atmospheric Pressure (mbars)	1006	Water Temperature (°C)	21.6							
		National / International Standard	ISO 8655-6:2002							
		Cal Procedure No	SRS/CP/ML/08							
Standard Used										
SL No.	Description	ID.No. / SI. No.	Certificate No.							
1	Electronic Weighing Balance	15112916	TVCSPL23/10/2115-01							
			Make/Model							
			A&D & G21-252							
			Traceability							
			National Standards							
			Valid till							
			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 (u)
1	100	100.51	100.52	100.53	100.52	100.51	100.50	0.50	0.02	0.47
		100.49	100.48	100.49	100.49	100.48				
2	500	500.40	500.42	500.43	500.44	500.46	500.43	0.43	0.02	0.47
		500.45	500.44	500.43	500.42	500.41				
3	1000	1001.24	1001.26	1001.23	1001.22	1001.22	1001.22	1.22	0.03	0.47
		1001.18	1001.17	1001.20	1001.24	1001.26				
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 Grade 3 as specified in ISO 3696.										
Calibrated By:				Authorized by:						
M. Adhwan (Calibration Engineer) MADHIBAN		 (Quality Manager/Executive) CSIVABALAN								

SUNSHINE BIOMEDICAL SOLUTIONS

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