
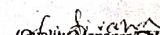





CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13373				Page No: 1 of 1						
Customer Name & Address							SRF No.	SRF/23/00733-0005		
GOVERNMENT PRIMARY HEALTH CENTRE, VELLIYANAI-639118, KARUR 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										
Description		MICRO PIPETTE		Make		HERMO SCIENTIFIC				
Range		100-1000µl		Model		FINNPIPETTE 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)		23.5	Humidity (%RH)	52	National / International Standard		ISO 8655-6:2002			
Atmospheric Pressure (mbar)		1006	Water Temperature (°C)	21.6	Cal Procedure No		SBS/CT/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	100	99.94	99.96	99.94	99.92	99.93	99.95	-0.05	0.02	0.47
		99.94	99.95	99.96	99.97	99.98				
2	500	499.85	499.86	499.87	499.89	499.86	499.87	-0.13	0.02	0.47
		499.86	499.87	499.89	499.85	499.89				
3	1000	999.96	999.97	999.98	999.96	999.95	999.96	-0.04	0.01	0.47
		999.98	999.94	999.96	999.95	999.95				
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,				Authorised by:						
 (Calibration Engineer) MADHIBAN				 (Quality Manager/Chief Executive) C.SIVABALAN						
										

SUNSHINE BIOMEDICAL SOLUTIONS

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