



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/11816 Page. No : 1 of 1

Customer Name & Address			
GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE, PARTHIBANUR-623608.	SRF No.	SRF/23/00391-0005	
	SRF Date	27-09-2023	
	Date of Receipt	26-09-2023	
	Date of Calibration	27-09-2023	
	Due Date for Calibration	26-09-2024	
	Issue Date	28-09-2023	


Details of Unit Under Calibration			
Description	MICRO PIPETTE	Make	DRAGON LAB
Range	5-50µl	Model	VARIABLE
Resolution	0.5µl	Material	PVC
Serial Number	YE6K746961	Operating Range	10-50µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

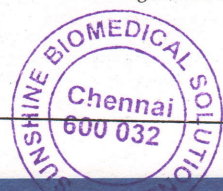
Environmental Condition				Calibration Method Used	
Temperature (°C)	23.7	Humidity (%RH)	54	National / International Standard	ISO 8655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/ML/08


Standard Used						
SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSP22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Result of Calibration in µl										Z Factor: 1.00319
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10.0	9.91	9.93	9.92	9.94	9.96	9.94	-0.06	0.02	0.47
		9.94	9.95	9.93	9.95	9.95				
2	30.0	29.96	29.97	29.98	29.99	29.95	29.95	-0.05	0.03	0.47
		29.90	29.91	29.93	29.94	29.95				
3	50.0	49.85	49.84	49.83	49.85	49.86	49.86	-0.14	0.02	0.47
		49.86	49.87	49.88	49.89	49.90				

- 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)
 M.ADHIBAN



Authorised by:

 (Quality Manager/Chief Executive)
 C.SIVABALAN

SUNSHINE BIOMEDICAL SOLUTIONS