

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/12068

Page No: 1 of 1

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE, SADRAS, CHENGALPATTU DISTRICT.	SRF No.	SRF/23/00472-0001
	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	P FACT A
Range	100-1000µl	Model	NA
Resolution	5µl	Material	PVC
Serial Number	N1473629	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)	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

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSP/L22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

Z Factor: 1.00319

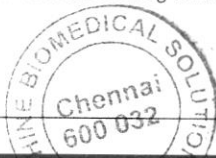
Result of Calibration in µl											
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)	
1	100	99.91	99.93	99.92	99.91	99.90	99.94	-0.06	0.03	0.47	
		99.96	99.92	99.95	99.97	99.98					
2	500	499.91	499.92	499.93	499.95	499.96	499.95	-0.05	0.03	0.47	
		499.94	499.96	499.97	499.98	499.99					
3	1000	999.95	999.96	999.97	999.97	999.98	999.94	-0.06	0.03	0.47	
		999.93	999.93	999.92	999.91	999.92					

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 Grade3 as specified in ISO 3696.

Calibrated By,

M. Adhiban
(Calibration Engineer)
M.ADHIBAN



Authorised by:

C. Sivabalan
(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.