



CALIBRATION CERTIFICATE

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Certificate No: SBS/CL/23/10072

Customer Name & Address

GOVERNMENT URBAN PRIMARY HEALTH CENTRE,
EMANESWARAM-623701,PARAMAKUDI DISTRICT.

SRF No.	SRF/23/00305-0030
SRF Date	11-08-2023
Date of Receipt	11-08-2023
Date of Calibration	11-08-2023
Due Date for Calibration	10-08-2024
Issue Date	11-08-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	DRAGON LAB
Range	100-1000µl	Model	NA
Resolution	5µl	Material	PVC
Serial Number	YE6K863748	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	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

Z Factor: 1.00319


Result of Calibration in µl

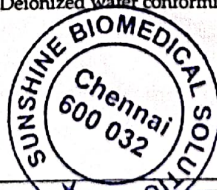
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.85	99.85	99.85	99.85	99.95	99.88	-0.12	0.05	0.47
		99.90	99.95	99.90	99.80	99.90				
2	500	499.90	499.95	499.90	499.90	499.95	499.88	-0.12	0.05	0.47
		499.80	499.80	499.85	499.85	499.90				
3	1000	999.80	999.80	999.80	999.85	999.90	999.87	-0.13	0.05	0.47
		999.90	999.90	999.90	999.90	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,


 (Calibration Engineer)
 M.RAGUL



Authorised by:


 (Quality Manager/Chief Executive)
 D.VETRI SELVI

SUNSHINE BIOMEDICAL SOLUTIONS

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