



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/12502

Page. No : 1 of 1

**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE, KEELAPOONGUDI-630552.	<b>SRF No.</b>	SRF/23/00553-0006
	<b>SRF Date</b>	30-09-2023
	<b>Date of Receipt</b>	29-09-2023
	<b>Date of Calibration</b>	30-09-2023
	<b>Due Date for Calibration</b>	29-09-2024
	<b>Issue Date</b>	30-09-2023

**Details of Unit Under Calibration**

<b>Description</b>	MICRO PIPETTE	<b>Make</b>	ERBA
<b>Range</b>	200µl FIXED	<b>Model</b>	BIOHIT
<b>Resolution</b>	FIXED	<b>Material</b>	PVC
<b>Serial Number</b>	7049479	<b>Operating Range</b>	200µl FIXED
<b>ID Number</b>	NA	<b>Condition of UUC</b>	Good
<b>Cal. At</b>	Mechanical Lab	<b>Instrument Location</b>	LABORATORY

Environmental Condition				Calibration Method Used	
<b>Temperature (°C)</b>	23.2	<b>Humidity (%RH)</b>	53	<b>National / International Standard</b>	ISO 8655-6:2002
<b>Atmospheric Pressure (mbar)</b>	1006	<b>Water Temperature (°C)</b>	21.6	<b>Cal Procedure No</b>	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	TVCSP122/12/2115-01	A&D & GH-252	National Standards	09-12-2023


**Z Factor: 1.00319**

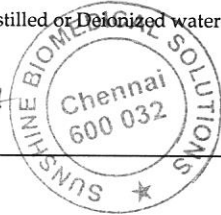
Result of Calibration in µl										
SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	200	199.87	199.86	199.88	199.89	199.88	199.89	-0.11	0.02	0.47
		199.90	199.89	199.90	199.91	199.90				

**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

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