

# CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/15844

Customer Name & Address

Page No. 1 of 1

GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE,  
KAMANDODDI-635109, KRISHNAGIRI DISTRICT.

SRF No.	SRF/23/00959-0006
SRF Date	26-10-2023
Date of Receipt	25-10-2023
Date of Calibration	26-10-2023
Due Date for Calibration	25-10-2024
Issue Date	27-10-2023

**Details of Unit Under Calibration**

Description	MICRO PIPETTE	Make	MICROLUX
Range	1-50 $\mu$ l	Model	NA
Resolution	1 $\mu$ l	Material	PVC
Serial Number	NA	Operating Range	10-50 $\mu$ l
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**

SL No.	Description	ID.No. / SI. 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

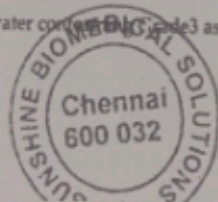
Result of Calibration in $\mu$ l											
SL No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty ( $\pm$ )	
1	10	9.72	9.73	9.74	9.74	9.71	9.73	-0.27	0.02	0.47	
		9.73	9.76	9.74	9.72	9.71					
2	30	29.98	29.97	29.96	29.94	29.95	29.96	-0.04	0.01	0.47	
		29.96	29.97	29.96	29.96	29.97					
3	50	49.99	49.98	49.97	49.92	49.92	49.95	-0.05	0.02	0.47	
		49.95	49.94	49.96	49.95	49.93					

**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 to grade 3 as specified in ISO 3696.

Calibrated By,

*BU*  
(Calibration Engineer)  
M.RAGUL



Authorised by:

*C. Divya*  
(Quality Manager/Chief Executive)  
C. SIVARAJAN