

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13600

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**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
KODIKKARAI-614807,NAGAPATTINAM DISTRICT.

SRF No.	SRF/23/00776-0001
SRF Date	06-09-2023
Date of Receipt	05-09-2023
Date of Calibration	06-09-2023
Due Date for Calibration	05-09-2024
Issue Date	07-09-2023

**Details of Unit Under Calibration**

Description	MICRO PIPETTE	Make	MICROLUX
Range	5-50µl	Model	NA
Resolution	1µl	Material	PVC
Serial Number	NA	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**

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	V
1	Electronic Weighing Balance	15112918	TVCSP22/12/2115-01	A&D & GH-252	National Standards	05

Z Factor: 1.003

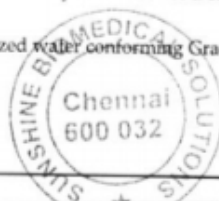
Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	10	9.91	9.93	9.92	9.94	9.96	9.94	-0.06	0.02	0.47
		9.94	9.95	9.93	9.95	9.95				
2	30	29.89	29.87	29.86	29.89	29.85	29.86	-0.14	0.03	0.47
		29.86	29.87	29.89	29.78	29.88				
3	50	49.96	49.96	49.97	49.98	49.96	49.96	-0.04	0.01	0.47
		49.95	49.96	49.94	49.95	49.98				

**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)  
MRAGUL



Authorised

(Quality Manager/Chief Exec)  
C.SIVABALAN