



## CALIBRATION CERTIFICATE

Page No: 1 of 1

Certificate No: SBS/1/25/10140

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
PUNJALAKSHI, VELLURE DISTRICT

SRF No.	SRF/23/00316-0022
Date	17-08-2023
Receipt Date	16-08-2023
Date of Calibration	17-08-2023
Due Date for Calibration	16-08-2024
Issue Date	17-08-2023

**Details of Unit Under Calibration**

Description	MICROPIPETTE	Make	MICROLUX
Range	0-50 µl	Model	NA
Resolution	1 µl	Material	PVC
Serial Number	NA	Operating Range	0-50 µl
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)	57	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**

S. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCS/PL22/12/2115-01	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	10	9.93	9.94	9.92	9.95	9.96	9.94	-0.06	0.02	0.47
		9.95	9.93	9.96	9.97	9.93				
2	30	29.83	29.84	29.82	29.85	29.86	29.84	-0.16	0.02	0.47
		29.81	29.82	29.84	29.86	29.85				
3	50	49.84	49.73	49.72	49.76	49.75	49.74	-0.26	0.04	0.47
		49.70	49.71	49.74	49.75	49.73				

- 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,  
*K. Sathy*  
(Calibration Engineer)  
K.SATHYANRATHY



Authorised by:  
*[Signature]*  
(Quality Manager/Chief Executive)