

## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/10608

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**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE, NOWLOCK-632404,RANIPET DISTRICT.	SRF No.	SRF/23/00340-0004
	SRF Date	28-08-2023
	Date of Receipt	28-08-2023
	Date of Calibration	28-08-2023
	Due Date for Calibration	27-08-2024
	Issue Date	29-08-2023

**Details of Unit Under Calibration**

Description	MICRO PIPETTE	Make	MICROLUX
Range	100-1000µl	Model	NA
Resolution	10µl	Material	PVC
Serial Number	NA	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)	23.6	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/06

**Standard Used**

Sl. No.	Description	ID.No. / SL 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	99.91	99.93	99.92	99.95	99.96	99.94	-0.06	0.02	0.47
		99.94	99.95	99.93	99.95	99.95				
2	500	499.96	499.95	499.97	499.96	499.98	499.93	-0.07	0.03	0.47
		499.90	499.92	499.91	499.89	499.90				
3	1000	999.97	999.98	999.96	999.98	999.95	999.96	-0.04	±21.62	0.47
		999.94	999.96	999.95	999.94	999.96				

**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