

## CALIBRATION CERTIFICATE

No: SBS/CL/23/13009

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**Name & Address**

HEALTH PRIMARY HEALTH CENTRE,  
KAPURAM-612201, MAYILADUTHURAI DISTRICT.

SRF No.	SRF/23/0036-000
SRF Date	09-10-2023
Date of Receipt	07-10-2023
Date of Calibration	09-10-2023
Due Date for Calibration	08-10-2024
Issue Date	09-10-2023

**Unit Under Calibration**

Instrument	Micro Pipette	Make	ERBA BICHER
Capacity	10-100µl	Model	NA
Volume	1µl	Material	PVC
Serial No	7066718	Operating Range	10-100µl
Condition	NA	Condition of UUC	Good
Location	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition				Calibration Method Used	
Temp (°C)	23.9	Humidity (%RH)	55	National / International Standard	ISO 9005-6:2002
atm Pressure (inhalt)	1006	Water Temperature (°C)	21.8	Cal Procedure No	SBS/CL/ML/08

Description	ID.No. / SL. No.	Certificate No.	Make/Model	Traceability
Electronic Weighing Balance	15112918	TVC/SPL22/12/2115-01	A&D & GH-252	National Standards

Z Factor: 1.00

**Result of Calibration in µl**

Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (k=2)
		1	2	3	4	5				
1	10	9.90	9.92	9.88	9.91	9.92	9.91	-0.09	0.01	0.47
		9.91	9.92	9.93	9.92	9.90				
2	50	49.76	49.76	49.74	49.72	49.74	49.74	-0.26	0.02	0.47
		49.76	49.75	49.73	49.72	49.71				
3	100	98.92	98.94	98.94	98.96	98.92	98.93	-1.07	0.02	0.47
		98.91	98.93	98.94	98.92	98.91				

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 (conductivity <math> <math>

Calibrated By:

*M. Arshad*  
(Calibration Engineer)



Authorized by:

*Abdul Wahid*  
(Quality Management Executive)