

## CALIBRATION CERTIFICATE

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Certificate No: SBS/CL/23/11014

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,  
SENUR-632006,VELLORE DISTRICT.

SRF No.	SRF/23/00360-0018
SRF Date	06-09-2023
Date of Receipt	06-09-2023
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	ERBA BIOHIT
Range	1000 $\mu$ l	Model	NA
Resolution	FIXED	Material	PVC
Serial Number	8129781	Operating Range	1000 $\mu$ l
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

Calibration Method Used

Temperature (°C)	23.8	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	TVCSP22/12/2115-01	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 ( $\pm$ )
		999.94	999.96	999.97	999.93	999.95				
1	1000	999.94	999.96	999.97	999.93	999.95	999.95	-0.05	0.02	0.47
		999.98	999.95	999.97	999.96	999.92				

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 Grade3 as specified in ISO 3696.

Calibrated By,

*C. Sivabalan*  
(Calibration Engineer)  
C.SIVABALAN



Authorised by:

*C. Sivabalan*  
(Quality Manager/Chief Executive)  
C.SIVABALAN

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