



## CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/03863

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**Customer Name & Address**

GOVERNMENT PRIMARY HEALTH CENTRE,  
KANAGIRISWARANPETTALKARUNGULI-600303

SRF No.	SRF/23/00142-0016
SRF Date	04-04-2023
Date of Receipt	04-04-2023
Date of Calibration	04-04-2023
Due Date for Calibration	03-04-2024
Issue Date	04-04-2023

**Details of Unit Under Calibration**

Description	Micro Pipette	Make	UNIPRO
Range	100-1000µl	Model	
Resolution	10 µl	Material	PVC
Serial Number		Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

**Environmental Condition**

**Calibration Method Used**

Temperature (°C)	34.2	Humidity (%RH)	53	National / International Standard	ISO 9655-6:2002
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6	Cal Procedure No	SBS/CP/MLA08

**Standard Used**

Sl. No.	Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112018	TVCSP/22/12/115-01	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 (t)
		1	2	3	4	5				
1	100	99.92	99.94	99.95	99.94	99.97	99.95	-0.05	0.02	0.47
		99.94	99.96	99.93	99.95	99.98				
2	500	499.82	499.84	499.86	499.85	499.87	499.85	-0.15	0.02	0.47
		499.84	499.86	499.85	499.87	499.88				
3	1000	999.75	999.77	999.78	999.76	999.79	999.77	-0.23	0.02	0.47
		999.74	999.76	999.77	999.75	999.78				

**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:

*KVZINBAN*  
(Calibration Engineer)  
KVZINBAN



Authorised by:

*D.Vetri Selvi*  
(Quality Manager/Chief Executive)  
D.VETRI SELVI

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