



CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/10342

Page No: 1 of 3

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,

PO:GAJ-632114,VELLORE DISTRICT.

SRF No.	SRF/23/00316-0024
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	THERMO SCIENTIFIC
Range	100-1000 µl	Model	FINNPIPETTE F3
Resolution	1 µl	Material	PVC
Serial Number	QW10338	Operating Range	100-1000 µl
ID Number	NA	Condition of UUC	Good
Cal. AI	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

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

SL No.	Description	ID.No. / SL No.	Certificate No.	Maker/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSPL22/12/2115-01	A&D & GH-252	National Standards	09-12-2023

SL No.	Nominal Value	Observed Readings						Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		99.92	99.93	99.92	99.91	99.94	99.94				
1	100	99.92	99.93	99.92	99.91	99.94	99.93	-0.07	0.01	0.47	
		99.92	99.94	99.91	99.93	99.95					
2	500	499.83	499.81	499.82	499.87	499.86	499.84	-0.16	0.02	0.47	
		499.85	499.86	499.82	499.81	499.83					
3	1000	999.93	999.98	999.97	999.92	999.93	999.95	-0.05	0.02	0.47	
		999.94	999.93	999.95	999.97	999.94					

Z Factor: 1.00319

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: *K. Sathyamoorthy*
 (Calibration Engineer)
 K.SATHYAMOORTHY



Authorized by:

