



CALIBRATION CERTIFICATE

Page No: 1 of 1

Certificate No: SBS/CL/23/0411

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
MARAIMALAI NAGAR-603209, CHENGALPATTU DISTRICT.

SRF No.	SRF/23/00157-0019 & 09-02-20
SRF Date	09-02-2023
Date of Receipt	09-02-2023
Date of Calibration	09-02-2023
Due Date for Calibration	08-02-2024
Issue Date	11/2/2023

Details of Unit Under Calibration

Description	MICRO PIPETTE	Make	GB MAXPET
Range	100-1000µl	Model	NA
Resolution	5 µl	Material	PVC
Serial Number	00502506	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition				Calibration Method Used	
Temperature (°C)	23.9	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. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSP/22/12/2115-01	A&D & CH-252	National Standards	09-12-2023


Z Factor: 1.00319

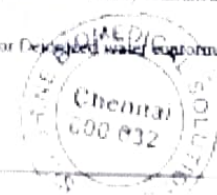
Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
1	100	99.90	99.90	99.90	99.90	99.90	99.91	-0.09	0.01	0.47
		99.90	99.90	99.91	99.95	99.92				
2	500	499.71	499.70	499.69	499.68	499.68	499.69	-0.31	0.02	0.47
		499.70	499.71	499.69	499.66	499.67				
3	1000	999.10	999.11	999.13	999.10	999.11	999.11	-0.89	0.01	0.47
		999.14	999.11	999.11	999.10	999.09				

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 Deionised water conforming Grade3 as specified in ISO 3696.

Calibrated By,


 (Calibration Engineer)
 F. YAZINIYAN



Authorised by,


 (Quality Manager/Chief Executive)
 D. VETRI S. VI