

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/13380 Page No: 1 of 1

Customer Name & Address		SRF No.	SRF/23/00735-0003
GOVERNMENT PRIMARY HEALTH CENTRE, VADAKKUPALAYAM-639004,KARUR DISTRICT.		SRF Date	07-10-2023
		Date of Receipt	06-10-2023
		Date of Calibration	07-10-2023
		Due Date for Calibration	06-10-2024
		Issue Date	07-10-2023

Details of Unit Under Calibration			
Description	MICRO PIPETTE	Make	THERMO SCIENTIFIC
Range	10-100µl	Model	NA
Resolution	0.2µl	Material	PVC
Serial Number	NA	Operating Range	10-100µl
ID Number	NA	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. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Weighing Balance	15112918	TVCSP12/12/2115-01	A&D & GH-252	National Standards	09-12-2023

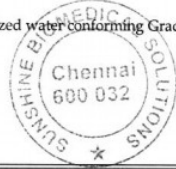
Z Factor: 1.00319


Result of Calibration in µl										
Sl. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (±)
		1	10.0	9.86	9.87	9.88				
		9.82	9.85	9.86	9.84	9.82				
2	50.0	49.80	49.79	49.81	49.82	49.79	49.80	-0.20	0.02	0.47
		49.82	49.83	49.79	49.80	49.78				
3	100.0	99.80	99.78	99.79	99.80	99.81	99.80	-0.20	0.02	0.47
		99.82	99.83	99.79	99.78	99.77				

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, 
(Calibration Engineer)
MADHIBAN



Authorised by:

(Quality Manager/Chief Executive)
C.SIVABALAN