

CALIBRATION CERTIFICATE

CERTIFICATE NO : SBS/CL/23-24/04220

MEDICAL DEVICES

Page No : 1

Customers Name & Address

**GOVERNMENT PRIMARY HEALTH CENTER
E KEERANUR 606106.**

SRF No

SRF/23-24/00213-0004

SRF Date

16.08.2023

Date of Receipt

16.08.2023

Date of Calibration

16.08.2023

Due Date of Calibration

15.08.2023

Date of Issue

17.08.2023

Details of Unit under Calibration

Description	MICRO PIPETTE	Make	MICRO LUX
Range	0 - 50 µl	Model	
Resolution	1 µl	Material	PVC
Serial Number	Pipette 01	Operating Range	Z factor 1.000
Cal. At	On Site	Condition of UUC	SATISFACTORY
		Instrument Location	LABORTORY

Environmental Condition

Calibration Method Used

Temperature (°C)	23±9C	National / International Standard	ISO 8655-6 2002
Humidity (%RH)	51%	Cal. Procedure Number	SBS/CP/ML/08
Pressure (mbar)	1006	Estimated Uncertainty ((K=2) @ 95.45%)	0 -5 µl

Standard Used

Sl.No.	Description	Sl.No.	Certificate Number	Make /Model	Valid Till
1	Electronic Semi Micro Balance	15112918	TVCSPL 22/12/2115-01	A&D & GH-252	09-12-2023

Results of Calibration in µl

Sl No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty(±)
1	10	9.91	9.89	9.90	9.91	9.94	9.96	-0.06	0.04	0.32
		9.91	9.92	9.92	9.93	9.96				
2	50	49.87	49.88	49.88	49.91	49.94	49.93	-0.07	0.03	0.41
		49.92	49.93	49.90	49.91	49.96				

REMARKS

- This Calibration certificate shall not be reproduced except in full, without written approved 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.
- The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00
- Equipment used for Calibration were calibrated & traceable to National & International Standards.
- Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated by

S. Shanmuga Raj
(Calibration Engineer)
S SHANMUGA RAJ



Quality Manager
(D. VETRI SELVI)

Authorized Signatory

K. Kumaresan
(Chief Executive)

