

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/23/15922

Page No: 1 of 1

Customer Name & Address

GOVERNMENT PRIMARY HEALTH CENTRE,
UDDANAPALLI-635119, KRISHNAGIRI DISTRICT.

SRF No.	SRF/23/00973-0005
SRF Date	27-10-2023
Date of Receipt	26-10-2023
Date of Calibration	27-10-2023
Due Date for Calibration	26-10-2024
Issue Date	28-10-2023

Details of Unit Under Calibration

Description	Micro Pipette	Make	THERMO SCIENTIFIC
Range	5-50µl	Model	FINNPIPETTE F3
Resolution	1µl	Material	PVC
Serial Number	NW04663	Operating Range	10-50µl
ID Number	NA	Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LABORATORY

Environmental Condition

Temperature (°C)	23.9	Humidity (%RH)	55
Atmospheric Pressure (mbar)	1006	Water Temperature (°C)	21.6

Calibration Method Used

National / International Standard	ISO 8655-6:2002
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 Weighing Balance	15112918	TVCSPL22/12/2115-01	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	9.94	9.97	9.96	9.95	9.98	9.96	-0.04	0.01	0.47
		9.96	9.98	9.95	9.94	9.97				
2	30	29.86	29.84	29.87	29.85	29.83	29.86	-0.14	0.02	0.47
		29.89	29.85	29.86	29.87	29.84				
3	50	49.96	49.97	49.98	49.99	49.94	49.96	-0.04	0.02	0.47
		49.93	49.97	49.95	49.98	49.97				

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,

MR
(Calibration Engineer)
MRAGUL



Authorised by:

C. Sivabalan
Quality Manager/Chief Executive)
C.SIVABALAN