

CALIBRATION CERTIFICATE

Certificate No: SBS/CL/22/07390

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Customer Name & Address

 GOVERNMENT UPGRADED PRIMARY HEALTH CENTRE,
 SHOOLAGIRI, KRISHNAGIRI - 635117.

SRF No.	SRF/22/00166-0030 &
SRF Date	01-08-2022
Date of Receipt	02-08-2022
Date of Calibration	02-08-2022
Due Date for Calibration	01-08-2023
Issue Date	02-08-2022

Details of Unit Under Calibration

Description	Micro Pipette	Make	THERMOSCIENTIFIC
Range	5-50 μ l	Model	FINNPIPETTE F3
Resolution	0.5 μ l	Material	PVC
Serial Number	QW14608	Operating Range	
ID Number		Condition of UUC	Good
Cal. At	Mechanical Lab	Instrument Location	LAB

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

SI. No.	Description	ID.No. / SI. No.	Certificate No.	Make/Model	Traceability	Valid till
1	Electronic Semi Micro Balance	15112918	TVCSP/L21/12/1587-01	A&D & GH-252	National Standards	10-12-2022

Z Factor: 1.00319
Result of Calibration in μ l

SI. No.	Nominal Value	Observed Readings					Mean Value	Systematic Error	Random Error	Measurement Uncertainty (\pm)
1	10	9.80	9.81	9.80	9.81	9.80	9.86	-0.14	0.06	0.47
		9.91	9.92	9.91	9.91	9.92				
2	30	29.93	29.92	29.93	29.92	29.93	29.89	-0.11	0.04	0.47
		29.85	29.84	29.85	29.84	29.85				
3	50	49.95	49.96	49.95	49.96	49.95	49.97	-0.03	0.02	0.47
		49.99	49.98	49.99	49.98	49.99				


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)
 P.MYIUSAMY

Authorised by:


 (Quality Manager/Chief Executive)
 D.VETRI SELVI