Medical Engineering & Services
T h i n g s   B e y o n d   T h o u g h t s

ISO 9001-2015 certified company

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CALIBRATION CERTIFICATE

Certificate Number	:	MES/080221/C12
Customer Details	:	**District Hospital, Mananthavadi, Wayanad.**
Date of Calibration	:	**08/02/2021**
Next Calibration Due	:	**07/02/2022**

Date of Issue : **08/02/2021**

DETAILS OF DEVICE UNDER CALIBRATION (DUC)

Nomenclature	:	Micropipette	Serial No.	:	-
Make / Model	:	Dr. PETTE	ID No.	:	KSACS/ICTC/0050
Equipment Condition	:	Good	Resolution	:	1.0 µL
Range	:	10-100 µL	Location	:	ICTC Lab

DETAILS OF MASTER EQUIPMENT USED

Nomenclature	:	Electronic Precision Balance	Range	:	0 – 210 gm
Make	:	Boeco	Readability	:	0.01/0.1 mg
Model	:	BBC-22	Serial No.	:	27104178
Certificate No.	:	MES/17012020/EB/C1	Calibration Due Date	:	14.01.2022

ENVIRONMENTAL CONDITIONS

Temperature(°C)	Relative Humidity (%)	Atmospheric Pressure (mbar)	Water Temperature(°C)
29.4	42	1010	29.3

CALIBRATION RESULTS

Discipline : Mechanical   Parameter : Volume

Sl no	Set volume µl	Actual volume µl	Expanded uncertainty ± µl
1	10	9.94	± 0.823
2	50	49.93	± 0.823
3	100	99.93	± 0.828

Notes:-

- The results in this certificate are only related to DUC submitted calibration and valid at the time of calibration under stated condition of measurements
- The measurement uncertainty is estimated at a confidence level of 95.45% with coverage factor k=2.
- Results in this certificate shall not be reproduced except in full without the written approval of this centre.
- Next calibration due date is mentioned as per customer requirement.
- Calibration certificate issued for scientific or industrial purpose only.
- Acceptable error limit is given as per ISO 8655-2:2002(E) Guidelines
- Calibration is carried out as per ISO 8655-6 Guidelines;MES work procedure: MES/WP/VOLUME.

Calibrated by

Prabin K P
(Calibration Engineer)

Authorized Signatory

Binoj Thomas
(Technical Manager)