



CERTIFICATE OF CALIBRATION

Certification No: MES/201211/C1

Calibrated for: TALUK HOSPITAL,THAMARASSERY.

DEVICE UNDER CALIBRATION

EQUIPMENT : MICRO PIPETTE

RANGE : 10-100 μ l

SL.NO/ID : 80113237

NO OF CHANNELS : 1

Date of Calibration : 11/12/2020

MAKE : DR PETTE

MODEL NO : NA

LOCATION : ICTC LAB

Next calibration due : 10/12/2021

Certified that the above instrument has been calibrated by trained technical person. The calibration Results attached with the certificate are authentic quantitative analysis report of the related instrument's which are calibrated and under valid traceability on the date of calibration.

Date of issue : 11/12/2020

Calibrated by :

PRABIN. K P

(Lab In Charge)

Approved Signatory

BINOJ THOMAS

(Quality /Technical Manager)

CALIBRATION REPORT

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CALIBRATION RESULT OF MICROPIPETTE

Sl. No.	Set Volume μl	Actual Volume μl	# Expanded uncertainty (μl)	Coverage factor (k)
1	10	9.97	± 0.094	2
2	50	49.98	± 0.13	2.20
3	100	99.99	± 0.098	2

The reported expanded uncertainty is the uncertainty in measurement multiplied by the coverage factor k corresponds to a normal distribution at a confidence level of 95.45%.

Calibration procedure:

- 1) MES work procedure: MES/WP/VOLUME.

Environmental Factors:

Temperature: $27.5^{\circ}\text{C} \pm 1^{\circ}\text{C}$

Air pressure: 1006 mbar

Double distilled water,

Relative humidity: 75 %

Note: Results Presented in this certificate & report shall not be reproduced except in full without the written approval of this centre.