





Abhcon Crown, X1/411/21, Ambadi Lane Kokkalai, Thrissur-21. Fh: 0487 2420367 Email: mescalibration.tsr@gmail.com Visit us @www.mescalibration.com

CALIBRATION CERTIFICATE Certificate Number MES/100922/C2 **Customer Details** CC254322000000813F **ULR Number** DOCTORS LAB, PAYYOLI, KOZHIKODE. Date of Calibration 10/09/2022 Next Calibration Due Date of SRF 10/09/2022 09/09/2023 10/09/2022 Date of Issue **DETAILS OF DEVICE UNDER CALIBRATION(DUC)** Nomenclature Micropipette Make / Model Serial No. HU44462 **ERBA BIOHIT Equipment Condition** ID No. Good Range Resolution 0μ l 10 µL Location **BIOCHEMISTRY DETAILS OF MASTER EQUIPMENT USED** Nomenclature **Electronic Precision Balance** Range 0 - 210 gmMake Boeco Readability $0.01/0.1 \, \text{mg}$ Model BBC-22 Serial No. 27104178 Certificate No. TVSPL21/10/227-01 Calibration Due Date 05.10.2022 **ENVIRONMENTAL CONDITIONS** Atmospheric Pressure Temperature(°C) Relative Humidity (%) Water Temperature(°C) (mbar) 26.8 59 1001 26.9 **CALIBRATION RESULTS** Discipline Mechanical Parameter Volume Standard Systematic Acceptable Random Acceptable SI. Set Volume Expanded Value Error Systematic Error **Error** Random Error Uncertainty No. μ l μ l μ l ±μl μ l ±μl ± µl 10.03 -0.03 1 10 0.12 0.06 0.08

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 KP

(Calibration Engineer)

Authorized Signatory

0.167

Binoj Thomas (Technical Manager)