



Soumvo Kanti Kundu

Calibration Engineer

## ELECTRO METER CORPORATION P- 5, C.I.T ROAD, KOLKATA - 700014

Form No: FM/22 Issue No. 10 and Issue Date: 31-12-2022

## CALIBRATION CERTIFICATE OF:

Saptarshi Das

Technical Manager

CALIBRATION CERTIFICATE NO.: EMC2024-KOL-00036416 ULR NO.: CC214724000030952F Page: 1/1 1.0 ISSUED TO: MKAS HEALTH CARE PVT. LTD. SANJAY HEIGHTS (2ND FLOOR) GADGADIA SQ. NEAR EM. COLLEGE PIN - 756003 ODISHA, INDIA 45512-L-8 1.1 Service Request / Order No.: Description identification of item to be calibrated: Name: AUTO PIPETTE Code No.: MKAS/MP-04 iii Sl. No.: 375556 iv Make: HIPETTE v Model / Type No.: Range: 100µl to 1000µl vi vii Sensor: viii Resolution: 1.2 ix Location: Lab Cal. performed: At lab 1.3 Applicable specification of item to be calibrated: Accuracy / permissible limit: Not Specified 1.4 Date of receipt of item: 7-Aug-2024 1.5 Date of calibration: 7-Aug-2024 1.6 Recommended date for next calibration 7-Aug-2025 1.7 9-Aug-2024 Report Issue Date Temperature: 21.5 °C Environmental condition Humidity: 55.8 % RH 1.8a during calibration Atmospheric pressure: 1005.6 mbar Water Temperature: 20.4 1.8b Recommended environmental Temperature: 20°C ± 2°C condition 50% RH ± 10% RH Humidity: 1.9 Basis of calibration: S.O.P Number S.O.P/MASS/08 2.0 Standard Equipment Used for Calibration are Traceable to National/International Standards through ISO/IEC: 17025 Accredited Laboratory. Name of the standard Recommended date for instrument used (Sl. No./Code Nos.) Sl. No. Resolution Certificate Nos. next calibration Weight Box, Make: Mettler Toledo, 1 mg to 200 g 20-04-2025 WMCL/E/2022-04/1794 1 Grade: E1, Sl. No: B309075500, Code No. EMC/WB-E1/629 Micro Balance, Make: Mettler Toledo, Model No: XP6, Sl. No. B713878915, 2 EMC2023-KOL-00004502 6.1 g 0.000001 g 12-08-2024 Code No. EMC/MB/766 Digital Temperature & Humidity Meter, 19°C to 25°C (for Temperature) & 15% RH to 80% RH (for 0.1°C (for Temperature) & 0.1% RH (for Humidity) Make: Metravi, Model No. HT-3005, Sl. 3 18-03-2025 EMC2024-KOL-00015947 No. 141017143, Code No. EMC/DTHM/769 Humidity) Digital Temperature Indicator, Make: Metravi, Model No. DTI-111, Sl. No. 0.1°C 4 (-)50°C to 199.9°C 27-10-2024 EMC2023-KOL-00006335 503, Code No. EMC/DTI/267 Digital Pressure Gauge (Absolute Pressure) Sl. No. D12B151 Model. YDPIR0101, Code No: EMC/APG/574 5 0 bar to 1.5 bar (Abs) 0.0001 bar 11-10-2024 Wika / WCP/023-686 Discipline: Mechanical Group: Volume CALIBRATION RESULT Actual value determined Nominal Value determined by Error Expanded Resolution Nominal Value after Range Electronic Balance in Uncertainty (±) k factor temp correction in (µl) (µl) (µl) (µl) (mg) 100.336 0.336 2.00 100.044 0.012 100 μl to 500 499.831 501.292 1.292 0.059 2.00 1000 µl 5 μl 1000 999.519 1002.441 2.441 0.120 2.00 Note: i) Average of 10 readings had been taken in DUC/STD. ii) The calibration certificate is issued by Electro Meter Corporation refers only for the particular item submitted to calibrate. iii) Entire certificate should be produced for all purposes. Partial production of an extract of the certificate needs approval from the technical or the quality manager of the lab. iv) The results in the calibration certificate are valid at the time and the stated conditions on measurement. v) The calibration result is only to be used for scientific & industrial purpose and not for commercial purpose Measurement uncertainty at approx 95 % of confidence level & at a coverage factor : As Per Calibration Result NA DUC- Device Under Calibration F.S.-Full Scale Physical status of the DUC: OK Approved By:

END OF CERTIFICATE