



Calibrated By:

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

CALIBRATION CERTIFICATE OF:

AUTO PIPETTE

CALIBRATION CERTIFICATE NO.: EMC2024-KOL-00036412 ULR NO.: CC214724000030948F 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 AUTO PIPETTE Code No.: MKAS/MP-01 Name: iii Sl. No. 335438 iv Make: HIPETTE 50µl v Model / Type No.: vi Range: 5µl to viii Resolution: 0.5 µl vii Sensor: At lab 1.2 ix Location: Lab Cal. performed: 1.3 Applicable specification of item to be calibrated: Accuracy / permissible limit: Not Specified 1.5 Date of calibration: 1.4 Date of receipt of item: 7-Aug-2024 7-Aug-2024 1.6 Recommended date for next calibration 1.7 Report Issue Date: 7-Aug-2025 9-Aug-2024 21.6 °C Temperature: 1.8a Environmental condition during calibration Humidity: 55.9 % RH Atmospheric pressure: 1005.6 mbar Water Temperature: 20.4 1.8b Recommended environmental Temperature: 20°C ± 2°C condition Humidity: 50% RH ± 10% RH 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. Recommended date for Sl. No Range Resolution Certificate Nos. instrument used (Sl. No./Code Nos.) next calibration Weight Box, Make: Mettler Toledo, Grade: E1, Sl. No: B309075500, Code 20-04-2025 WMCL/E/2022-04/1794 1 mg to 200 g No. EMC/WB-E1/629 Micro Balance, Make: Mettler Toledo, Model No: XP6, Sl. No. B713878915, Code No. EMC/MB/766 2 6.1 g 0.000001 g 12-08-2024 EMC2023-KOL-00004502 Digital Temperature & Humidity Meter 19°C to 25°C (for Temperature) & 0.1°C (for Temperature) & Make: Metravi, Model No. HT-3005, Sl. 3 18-03-2025 EMC2024-KOL-00015947 No. 141017143, Code No. 15% RH to 80% RH (for Humidity) 0.1% RH (for Humidity) EMC/DTHM/769 Digital Temperature Indicator, Make: 4 (-)50°C to 199.9°C 0.1°C 27-10-2024 EMC2023-KOL-00006335 Metravi, Model No. DTI-111, Sl. No. 503, Code No. EMC/DTI/267 Digital Pressure Gauge (Absolute Pressure) Sl. No. D12B151 Model. YDPIR0101, Code No: EMC/APG/574 0 bar to 1.5 bar (Abs) 0.0001 bar 11-10-2024 Wika / WCP/023-686 Discipline: Mechanical Group: Volume CALIBRATION RESULT Value determined Actual value Nominal Expanded determined after Error by Electronic Balance Resolution Nominal Value Range temp correction Uncertainty (±) k factor in (µl) (mg) (µl) (µl) (µl) 5.1139 0.0032 5 5.0990 0.1139 2.00 5 μl to 0.5 ul 25 24 7510 24.8233 -0.1767 0.0060 2.00 50 49.6440 49.7891 -0.2109 0.0063 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 purpos Measurement uncertainty at approx 95 % of confidence level & at a coverage factor : As Per Calibration Result NA Remarks: DUC- Device Under Calibration F.S.-Full Scale Physical status of the DUC: OK

END OF CERTIFICATE

Approved By:

Santarshi Das

Technical Manager