Phytochemical Analysis and Antibacterial Activity of Khaya Grandifoliola, Stem B

The powdered crude sample of Khaya grandifoliola was subjected to phytochemical analysis using standard experimental procedures. The phytochemical evaluation revealed the presence of alkaloids, tannins, saponins and flavonoids. The methanolic extract of Khaya grandifoliola stem bark was screened for antimicrobial activity against bacterial isolates MRSA, Bacillus subtilis, Klebsiella pneumonia and Proteus mirabilis at different concentrations. The isolates showed a minimum inhibitory concentrations (MIC) of 0.4 mg mL-1 except B. subtilis of 0.002 g mL-1.