

(54) Title of the invention : A PROCESS FOR BIOSYNTHESIS OF CUO NANOPARTICLES FROM RIVINA HUMILIS PLANT EXTRACT

(51) International classification :A61P0031040000, C07K0014255000, B82Y0030000000, C07K0014210000, A61K0033380000
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(57) Abstract :

ABSTRACT A PROCESS FOR BIOSYNTHESIS OF CuO NANOPARTICLES FROM RIVINA HUMILIS PLANT EXTRACT The present invention relates a process for biosynthesis of CuO nanoparticles from rivina humilis plant extract. The object of the proposed invention is to help to control infection and inhibit bacterial growth. Proposed invention has significant antimicrobial activity against different bacterial species. It can be used for the development of new antibacterial drugs to cure many disorders caused by the different bacterial species. Proposed synthesized CuO nano-particles possesses moderate to good anti-bacterial activities against Staphylococcus aureus, Proteus vulgaris, Escherichia coli, Salmonella typhi, Bacillus subtilis, and Pseudomonas aeruginosa.

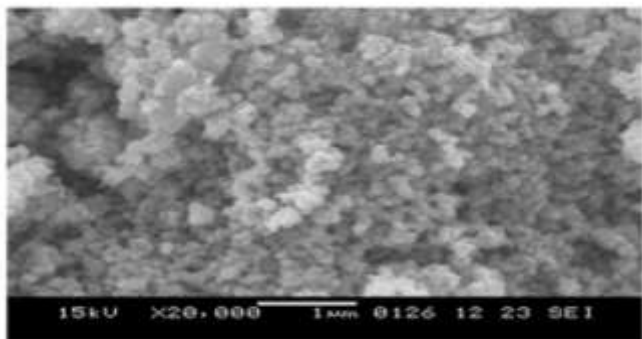


Figure 1

No. of Pages : 14 No. of Claims : 1