

Supplementary material

The comparative study was carried out by taking pure AgNPs without any organic component. The bactericidal activity tests were carried out with *Bacillus subtilis*, *Escherichia coli*, *Pseudomonas aeruginosa* and *Streptococcus Mutans* bacteria in Nutrient Agar medium. The activity of silver nanoparticles without the organic component towards all the bacterial cultures was done using the well diffusion method.

Table S1: Antibacterial activity of silver nanoparticles without organic components prepared using *T. chebula* fruit extract.

Tested bacteria against silver nanoparticles without organic components			
Diameter of inhibition zone standard (mm)			
<i>Bacillus subtilis</i>	<i>Escherichia coli</i>	<i>Pseudomonas aeruginosa</i>	<i>Streptococcus Mutans</i>
6	4	5	6

Note: The experiments were conducted in triplicates.



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