

## **SUPPLEMENTARY INFORMATION**

Short title

**Green synthesis of silver nanoparticles**

Long title

**Green Synthesis of Silver Nanoparticles and their Bactericidal and Antimycotical activities Against Oral Microbes**

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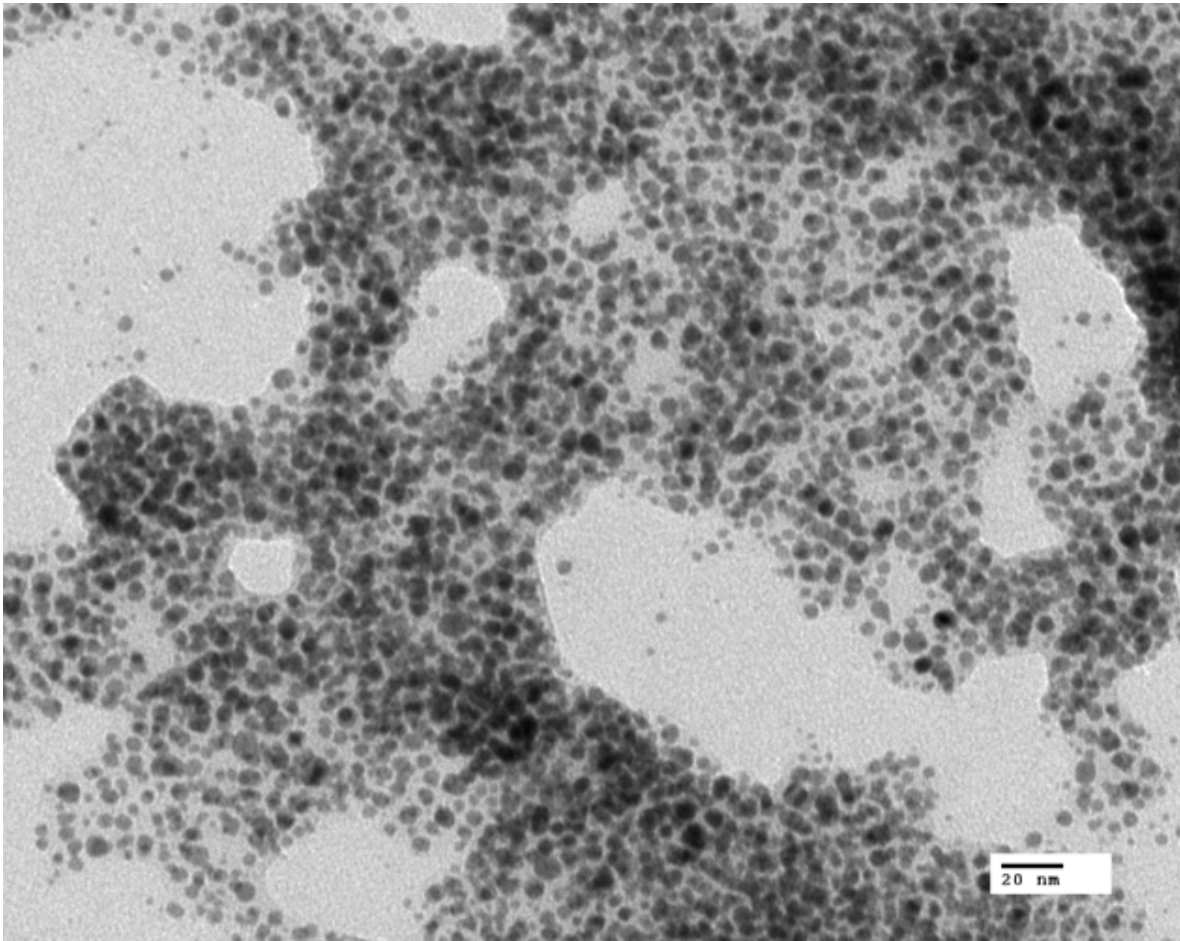
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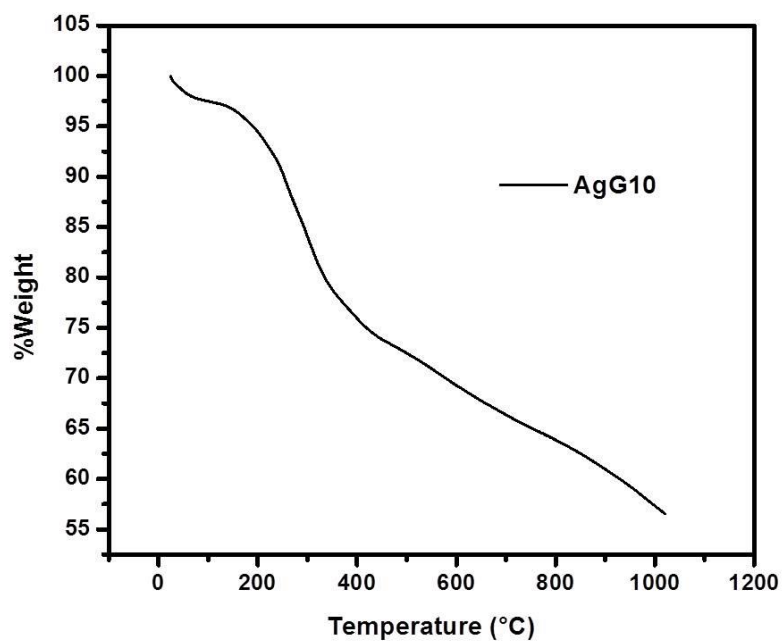
## **Material and methods**

Figure S1 was obtained using a JEOL JEM1230 electron microscope operating at an acceleration voltage of 100 kV. For this, one drop of the nanoparticles dispersion was added to a copper grid and air dried.

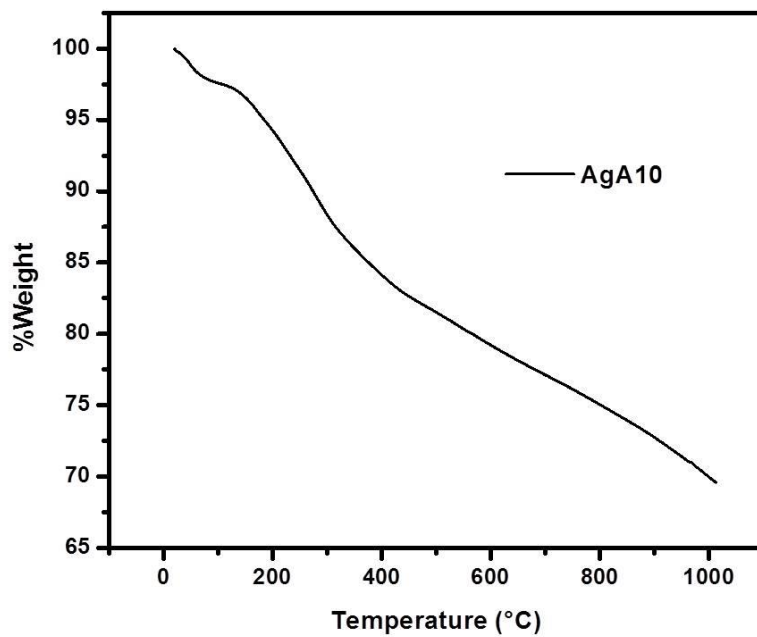
Figure S2 was obtained using a DSC calorimeter (Waters DSC 500) for this, 10-15 mg of the dried powders of the nanoparticles were collocated in an alumina vial and heated with a constant heating rate of 20 °C/min from room temperature to 1000 °C under nitrogen atmosphere.



**Figure S1.** TEM image of sample AgA10. We can see that a great amount of extract is surrounding the nanoparticles.



a)



b)

**Figure S2.** TGA results of the samples a) AgG10 and b) AgA10. At 450 °C sample prepared with the Gg extract lost almost 30% of the initial weight, sample prepared with the Aa extract lost almost 20% in the same interval.