

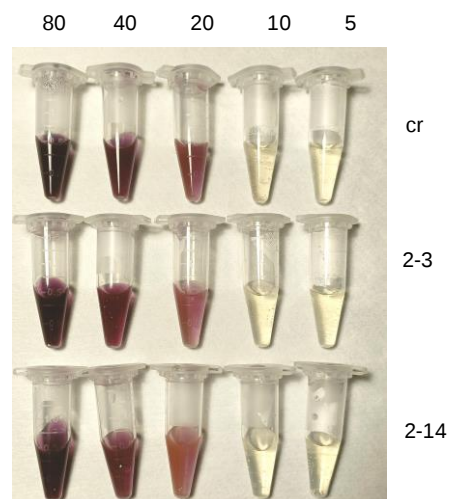


Fig. S1. Dependence of AuNPs initiation on the content of *Artemisia annua* root extracts in the reaction mixture. Extracts of the control roots (cr), hairy root lines NoNo 2-3 and 2-14 were used in the ratio of 5 ... 80 μ L/1 mL for green synthesis of NPs.

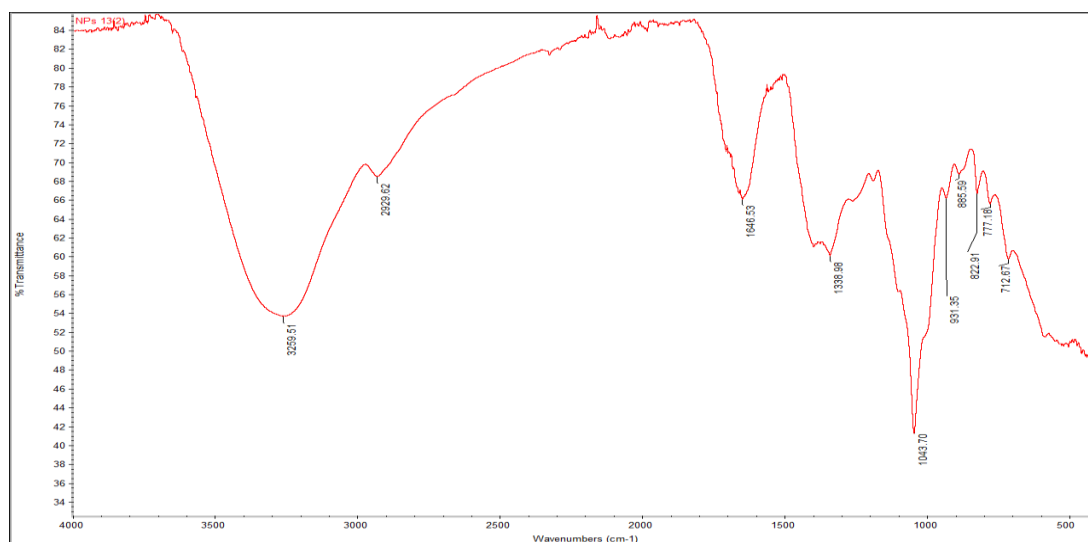


Fig. S2. FTIR spectrum of AgNPs synthesized using extracts of *A. annua* control roots.

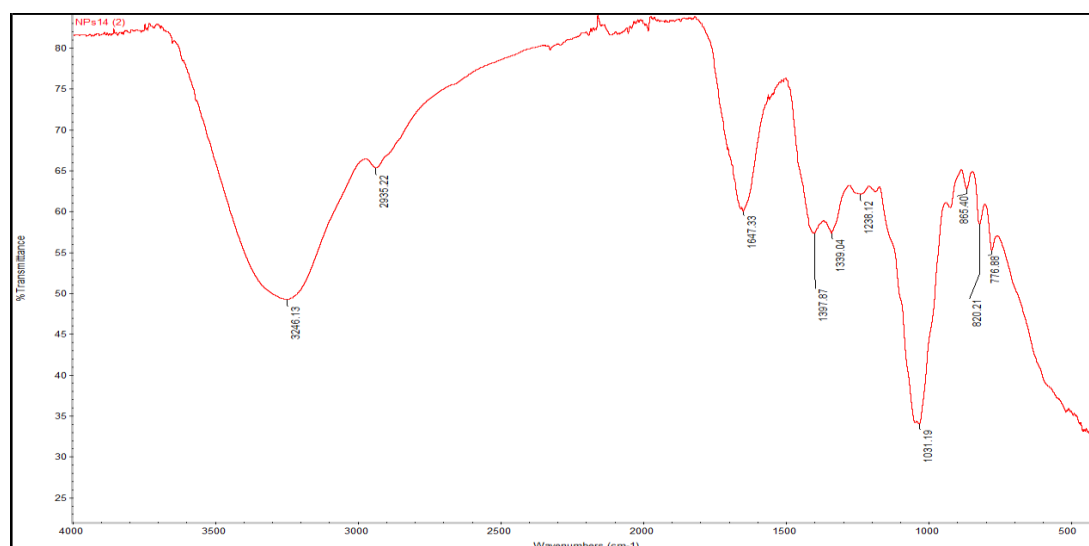


Fig. S3. FTIR spectrum of AgNPs synthesized using extracts of *A. annua* hairy roots No 2-3.

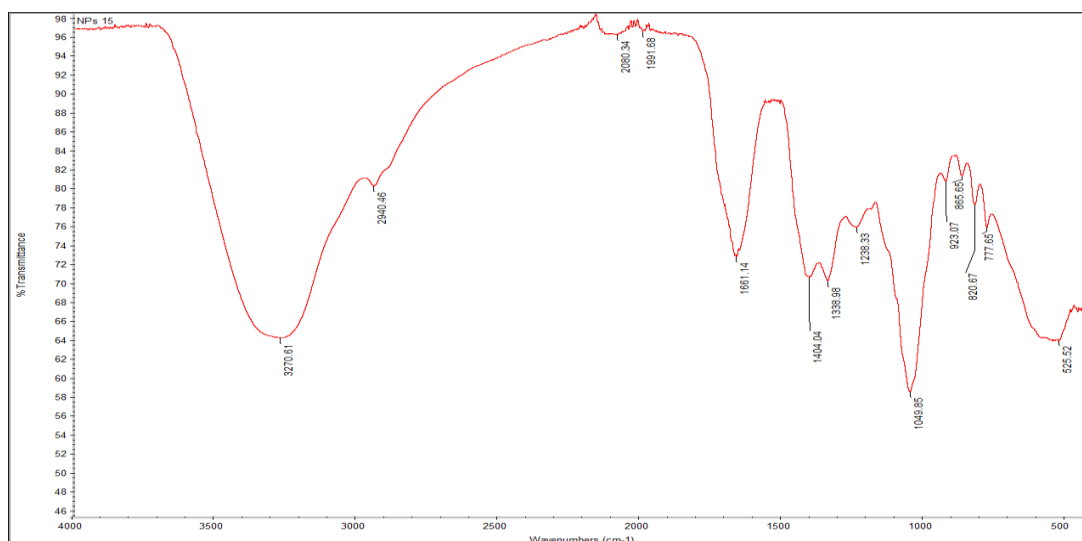


Fig. S4. FTIR spectrum of AgNPs synthesized using extracts of *A. annua* hairy roots No 2-14.

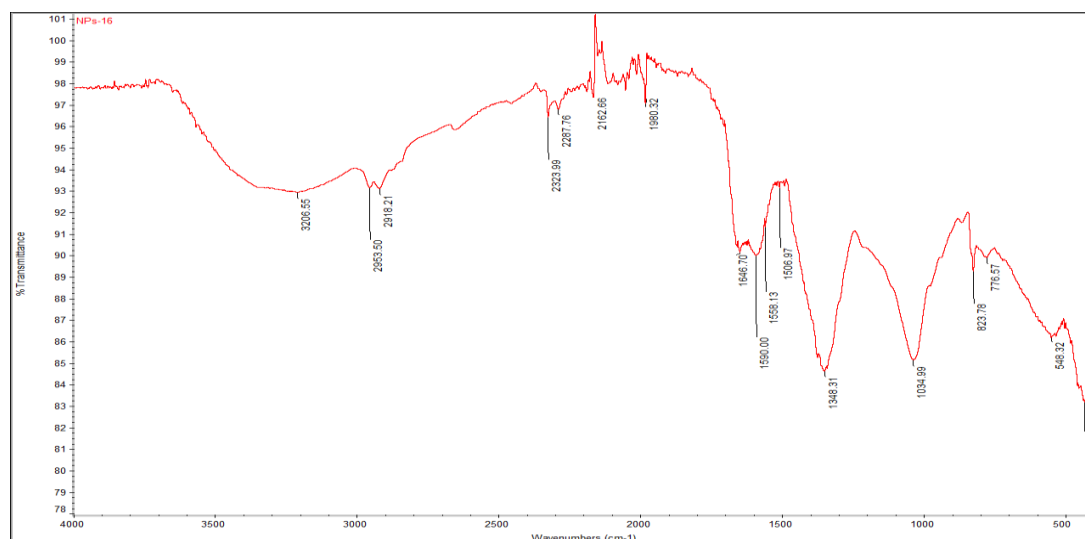


Fig. S5. FTIR spectrum of AuNPs synthesized using extracts of *A. annua* control roots.

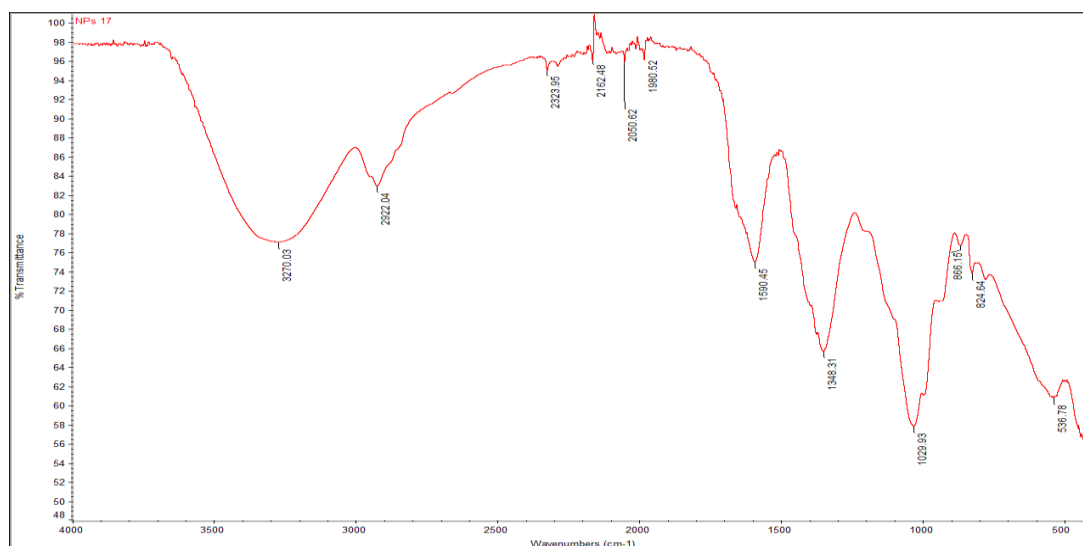


Fig. S6. FTIR spectrum of AuNPs synthesized using extracts of *A. annua* hairy roots No 2-3.



Fig. S7. FTIR spectrum of AuNPs synthesized using extracts of *A. annua* hairy roots No 2-14.