Supplementary Materials: Formation and Physiochemical Properties of Silver Nanoparticles with Various Exopolysaccharides of a Medicinal Fungus in Aqueous Solution

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Figure S1. HPLC analysis on monosaccharide of P0.5 (a); P2.0 (b); and P5.0 (c).

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Figure S2. Photographs of AgNO₃ and EPS (P₀.₅, P₂.₀, and P₅.₀) mixture solution at pH 3.0, 4.0, 5.5, 7.0, 8.0, 9.0, and 10.0 after heating at 100 °C for 240 min.
Figure S3. UV-vis spectra of the mixture of AgNO₃ and P₀.5 (a); P₂.₀ (b); and P₅.₀ (c) during the reaction process.

Figure S4. The energy dispersive spectroscopy spectrum of P₂.₀-AgNP prepared at pH 8.0.
Figure S5. Selected area electron diffraction patterns (SAED) in TEM of (a) P0.5-AgNPs; (b) P2.0-AgNPs; and (c) P5.0-AgNPs prepared at pH 8.0.