

## عنوان مقاله:

UV-Vis spectroscopic study of the stability of Silver nanoparticles in monovalent and divalent electrolyte solutions

## محل انتشار:

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## خلاصه مقاله:

Nanotechnology has been advanced since the last decades. Among all nanomaterials that have been developed, nanosilver is the most frequently used nanoparticles. Its release into natural water bodies is inevitable due to its broad applications. Nanosilver (nAg) was prepared via Tollens method using. The morphology, size distribution and average size of the obtained nAg was characterized using Transmission electron microscope (TEM) and Dynamic light scattering (DLS) technique. Stability of nanosilver was determined using UV-Vis spectroscopic method. Additionally, a time-resolved DLS technique was applied to confirm the UV-Vis spectroscopic results

## کلمات کلیدی:

Nanosilver, Natural water, Tollens method, Transmission Electron Microscope (TEM), UV-Vis Spectroscopy

## لینک ثابت مقاله در پایگاه سیویلیکا:

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