

Conjugates of Zinc Tetramethylpyridylporphyrinate with Colloidal Gold Nanoparticles Stabilized with Citrate

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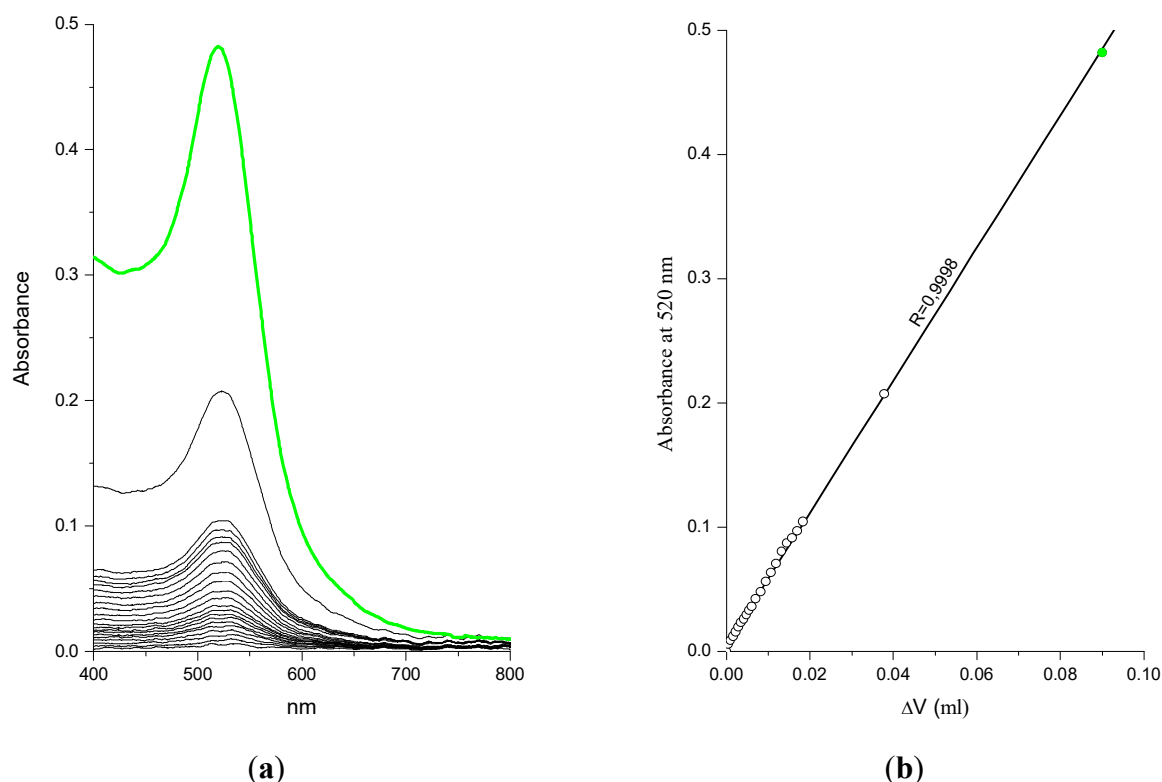


Figure 1. Dependence of the absorption spectra of Au/Cit colloidal solutions (water, pH7, 25 °C) on the solution volume ΔV with the molar concentration C_0 added to V ml of water. Here, ΔV and the nanoparticles molar concentration are linearly related by the equation $C = (C_0/V_0) \cdot \Delta V$ at $V_0 = V + \Delta V$. The work solution spectrum with $A_{520}=0.48$ is highlighted in green.