

Seed-Mediated Preparation of Gold Nanoparticles

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The gold nanoparticles were prepared by seed-mediated growth method with citrate. We prepared the seed nanoparticles in the size of about 15 nm and then used those nanoparticles as the seeds to prepare the bigger gold particles by citrate reduction reaction. Feeding rate of gold precursor was changed to analyze the growth of gold nanoparticles in the seed-mediated method.