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Mercury(II) trace detection by a gold nanoparticle-modified glassy carbon electrode using square-wave anodic stripping voltammetry including a chloride desorption step

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Abstract

Gold nanoparticles (AuNPs) were deposited on a glassy carbon (GC) substrate by constant potential electrolysis and characterized by cyclic voltammetry in H₂SO₄ and field emission gun scanning electron microscopy (FEG-SEM). The modified AuNPs-GC electrode was used

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