

Joint voltammetric determination of dopamine and uric acid

Shaidarova L., Chelnokova I., Romanova E., Gedmina A., Budnikov G.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Electrocatalytic activities of gold particles deposited onto an electrode unmodified and modified with a self-organized monolayer of cystamine in oxidation of dopamine and uric acid were compared. The possibility of joint determination of dopamine and uric acid on an electrode modified with self-organized monolayer of cystamine with gold nanoparticles was examined. © 2011 Pleiades Publishing, Ltd.

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