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Electrocatalytic determination of organic thiocarbonyl compounds using a carbon-paste electrode modified with cobalt phthalocyanine

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Abstract

Results of a voltammetric study of organic thiocarbonyl compounds (thiourea, thioacetamide, thiobenzamide, and dithiooxamide) using a carbon-paste electrode modified with cobalt phthalocyanine are reported. The electrode thus designed shows good reproducibility of voltammetric measurements and can be used for analytical determination of organic compounds containing a thionic group. © 1999 Kluwer Academic/Plenum Publishers.
