

ElectroFinnAnalysis

An International Conference on
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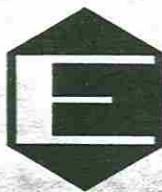
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ELECTROANALYTICAL BEHAVIOUR OF SOME IMPORTANT PTERIDINES USED AS TUMOR MARKERS

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The electrochemistry of some important pteridines has been studied. Their adsorptive (accumulative) behaviour on h.d.m.e. has been examined. C V of the molecules under consideration i.e: neopterine, biopterine, xanthopterine, allows to distinguish the different adsorptive behaviour.

Parameters affecting both, accumulation and stripping signals were studied and certain hypothesis on the correlation between chemical structure and adsorption properties of the molecules under consideration, were advanced.

Advantage was taken from the different degree of adsorption of the molecules in order to determine them in the presence of each another in aqueous solutions.