DETECTION OF SOME POLLUTANTS FROM BLACK SEA MUSSELS

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Abstract

This work presents aspects regarding the pollution with pesticides and heavy metals (Cd, Pb, Cu and Zn) of mussels tissue (*Mytilus galloprovincialis*) collected from different zones of the Romanian Black Sea Coast: Mamaia, Tomis Harbour and Agigea. The heavy metals were analysed using atomic absorption spectrometry. For the pesticides analysis was used a FISON gas chromatograph equipped with an electron capture detection and a capillary chromatograph column filled with mixture of silicone oils on chromosorb WHP.

Keywords: heavy metals, pesticides, *Mytilus galloprovincialis*

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