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HEAVY METALS CONTAMINATION OF COMMERCIAL FISH FOODSTUFF - POTENTIAL HEALTH RISKS ON HUMAN CONSUMERS

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Abstract

Human exposure to heavy metals requires special surveillance measures on these elements in human body in order to detect a relation between heavy metal exposure and adverse health effects. The aim of this paper is focused on biomonitoring contamination with heavy metals in fish foodstuffs and in blood, and corroboration of contaminant levels with immunotoxicological effects on target groups of consumers. The final goal is to establish some recommendations on human diet with fish foodstuff in order to assure a significant improvement in food safety.

Key words: Atomic Absorption Spectrometry (AAS), heavy metals contamination, toxicological effects

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