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Calculation and Analytical Methods for Determining the Content of Heavy Metals in Fish as an Element of Anthropogenic Load Research

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ABSTRACT

The paper considers the application of different approaches to determining the level of anthropogenic pressure on the environment. Computational approaches to the determination of pollutants using the methods of analytical chemistry are analyzed. Methods of processing and determination of heavy metals in the mixture are distinguished. The following is an example of the determination of heavy metals (lead and cobalt) in river and marine fish samples. Significant excess of lead and its accumulation in some tissues of fish is shown. It is noted that the highest content of lead is observed in the liver and gills of flounder.

Keywords: Calculation Method, Analytical Method, Pollution, Environment, Heavy Metals and Fish.

INTRODUCTION

Anthropogenic pressure today is a key element that significantly affects the state of natural ecosystems and urban areas (Loboichenko *et.al.*, 2021). Anthropogenic factors of different nature, which are especially important

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