

To assess the reliability of various analytical instruments for determining tin content in quartz, we sought the material from a tin-bearing system, the quartz suspected to contain trace ...

Spectrometric methods play an important role in the determination of tin in the aquatic environment due to their low detection limits. However, the matrix of seawater significantly reduces ...

The paper considers the possibility of determining the total content of tin in various forms of presence in the waters of the Azov and Black Seas, which differ in salinity.

The developed analysis scheme made it possible to determine the total content of inorganic and organic forms of tin in sea waters.

The spectrophotometer measures the absorbance of light by the colored complex at precise wavelengths, allowing for the quantification of tin content. This method offers exceptional accuracy ...

In this work we introduce, optimise and validate some atomic spectrometric techniques and compare their analytical performance in order to select the most appropriate and reliable technique for routine ...

The purpose of this chapter is to describe the analytical methods that are available for detecting, measuring, and/or monitoring tin and tin compounds, their metabolites, and other biomarkers of ...

The method for determining the total tin content described in this work is a reliable way to confirm the analyte content in aquatic ecosystems, without which it is incorrect to carry out further ...

The described investigations enabled the separate determination of inorganic and organic forms of tin and the total content of tin in waters with different salinities using ICP spectrometry with hydride ...

It is a rapid method, especially suitable for routine determinations of tin in canned fruits and vegetables contaminated with tin which has migrated from the can. The method can be applied with the ...

Abstract: This paper considers the features of determining the total tin content in waters with different salinity. Direct ICP-spectrometric analysis of sea waters with a salinity of more than 6? ...

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