Determination Of Heavy Metals In Lower Sakarya River Sediments Using A Bcr-Sequential Extraction Procedure

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The Sakarya River Basin consists of three parts: Upper [5], Middle and Lower Sakarya. A four-stage BCR-sequential extraction procedure for determination of extractable heavy metals was applied to sediments of various rivers in Turkey [1-4].

In this work, the Lower Sakarya River was selected as the study area for sediments. The samples were collected monthly from selected stations of the river for a year time and analysed for metal distribution. The determination of extractable heavy metals in sediments and fractions was carried out by flame atomic absorption spectrometry. The validation of the results was performed by using a standard reference material. The obtained results will be presented.

References