

Modified biodegradation methods of organic contaminants and a method of determination of biodegradation efficiency by means of biomarkers.

Biodegradation methods with the use of autochthonous and allochthonous microflora in different matrixes will be compared with aim of biodegradation method innovation. Important functions and characteristics of autochthonous microflora will be analysed in order to optimise a technological application of natural biodegraders. Further a method of biodegradation efficiency determination of petroleum contamination by means of biomarkers will be investigated with aim to predict general effectiveness of biodegradation process.

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