

عنوان مقاله:

Biosorption of Nickel(II) from Aqueous Solution by Dead Fungal Biomass of *Aspergillus awamori*

محل انتشار:

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خلاصه مقاله:

During the last two decades, extensive attention has been paid on the management of environment of environmental pollution caused by hazardous materials such as heavy metals in the soil and water. Biosorption is a process which represents a biotechnological innovation as well as a cost effective excellent tool for removing heavy metals from aqueous solution. The aim of present study was to evaluate for the first time the biosorption potential of dead fungal biomass *Aspergillus awamori* to remove Nickel (II) from aqueous solution in batch studies. And experimental parameters affecting the biosorption process such as PH level, contact time, initial metal concentration were evaluated.

کلمات کلیدی:

Biosorption; Toxic heavy metals, Aqueous solution, *Aspergillus awamori*

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