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Remoción y recuperación de cromo (III) de soluciones acuosas por biomasa de sorgo  
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### Abstract

In this work, the ability for the removal and recovery of chromium(III) ions from aqueous solution by sorghum agriculture waste in both, batch and flow experiments, was investigated. The results show that chromium(III) ions bind to the biomass at pH 4.5-5 and at a contact time of 15 minutes, with a saturation capacity of 10 mg/g of dry biomass. The immobilized biomass was capable of removing and recovering chromium(III) ions in flow conditions after several sorption-desorption cycles.

### Keywords

Removal and recovery of chromium(III), bioadsorption, sorghum.

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