



Studies of Cr (VI) uptake by a green resin: dry cow dung

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[en] In the present investigation dry cow dung powder has been employed as an indigenous, inexpensive and eco-friendly material for the removal of Cr (VI) from aqueous medium. The effect of various process parameters such as optimum pH, temperature, amount of resin, time of equilibration and concentration of metal ion etc. have been studied. Many naturally available materials are used for the adsorption of heavy metal pollutant, where most of them are modified physically or chemically. Dry cow dung powder has been utilized with simple chemical treatment thus manifesting the principle of Green Chemistry. (author)

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