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A Review on Assessment of Defluoridation of Water Using Bio-Absorbents

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Abstract:Fluoride is one of the anionic contaminants which is found in excess in surface or groundwater. Fluoride in overabundance amount higher than 1.5 mg/l causes dental and skeletal fluorosis other than infertility, kidney harm and affects nervous systems as well. The fluoride removal from drinking water and wastewater has been successful by different techniques. This paper reviews the fluoride uptake capacities of industrial by-products, agricultural wastes and biomass materials.

Key words:Defluoridation, Low cost adsorbents, fluoride removal materials, water, Techniques.

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