

Heavy Metal Removal Efficiency of Tulsi (*Ocimum Sanctum*) from Water – A Review

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Abstract: Presence of heavy metal concentration in water is generally resulting from industrial pollution. Certain amount of some metals in water is good for human health but their elevated concentration in water is toxic for us as it causes irreversible damage to the organs. Therefore it is essential to monitor concentration of metals in water and to adopt proper mitigation measures to remove their excess concentration. Adsorption is one of the economic and environmental friendly methods to remove metal contamination from water and many bioadsorbents are used for the purpose. This review will focus on ability of a medicinal plant Tulsi (*Ocimum Sanctum*) to remove heavy metals (Pb, Cd, Cr, Fe, Cu, Zn) from water.

Keywords: Heavy metal, Toxic, Adsorption, Bioadsorbents, *Ocimum Sanctum*

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