

Removal of Methylene Blue by Activated Carbon from Indian Borage (*Plectranthus amboinicus*)

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Abstract: *Many organic and inorganic pollutants are discharged by various industries into the water bodies. One of the most important pollutants is dye materials that have adverse effect on human health. In this study, Indian Borage, waste –based activated carbon was used as low cost sorbent for the removal of methylene blue as a textile dye from liquid medium. Activated carbon was prepared from Indian Borage wastes and used as a low cost sorbent for the removal of methylene blue from synthesized waste water. The influences of various parameters such as contact time, pH, sorbent dosage, and initial concentration of pollutants on adsorption were evaluated*

Keywords: *pollutants*

