

ABSTRACT

Waste water in textile factories generally still contains a lot of methylene blue. Therefore, the water must be processed first so that the waste water is safely removed and does not pollute the environment. In this study, the husk was immersed in Methylene blue water waste to determine its adsorption power. Methylene blue waste water used is a sample made from aquadest mixture with Methylene blue. The test was carried out by comparing the yield of water from rice husk which had been dried for 8 hours and rice husk which was boiled for 15 minutes. Absorption of boiled rice husk is better than dried rice husk. The use of boiled rice husk can reduce the amount of *Methylene blue* by 89%. In addition, this study also looked at the effect of rice husk on absorption. The use of rice husks which are dried at 5 grams is better than the use of rice husks with a mass of 2.5 grams. Rice husk with a mass of 5 grams can reduce the content of methylene blue by 84% while rice husk with a mass of 2.5 grams can reduce the content of methylene blue by 73%

Keywords: Methylene blue, Rice husk, adsorption.