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Detection Indigenous Microorganism of Dyeing Textile for Waste water treatment

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Abstract : Industrial waste becomes one of the factors causing river pollution. Dye-containing wastes from this industry is one of the most difficult waste water to be repaired because the content of toxic compound.Processing for color removal of textile waste using a yeast that has the ability to decompose the carbon chain. The purpose of study is to know yeasts living in waste.The sample taken directly from the wastewater in the textile company, then analysis using YST identification (ID) card system, the results seen on panel table color change with positive or negative.The results of isolate dentification were *Yarrowia (Candida) lipolytica* 99,9%, *Blastoschizomyces capitatus* 99,87%, and*Candida rugosa* 79,17%.Three species have the ability for wastewater treatment.
Key words : Indigenous Microorganism, Dyeing Textile, Wastewater, Treatment.

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