

Simultaneous saccharification and fermentation of bioethanol from *Chamaecyparis Obtusa*

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Chamaecyparis Obtusa (C. Obtusa) was a promising biomass resources used for bioethanol production by alkali pretreatment and yeast fermentation. In this research, 0.08 g/mL of Sodium hydroxide was evaluated for conversion of C. Obtusa cellulose to monosaccharides. Then, the yeast strain *Saccharomyces cerevisiae* was used to ferment the pretreated C. Obtusa by simultaneous saccharification and fermentation (SSF) at the condition of yeast/ C. Obtusa = 1:1 (w/w). Finally, 0.14 g of ethanol/g of dry C. Obtusa was obtained for 24h fermentation