

ISOLASI GLISEROL DARI HASIL REAKSI

TRANSESTERIFIKASI MINYAK JARAK PAGAR (*Jatropha curcas* Linn)

(*The Isolation of Glycerol from Transesterification of Castor Oil (Jatropha curcas, Linn)*)

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ABSTRACT

Glycerol has been isolated from result of transterfication of castor oil by catalysis of potassium hydroxide in methanol. The purification were conducted by deguming, neutralizes, and bleaching. Thereafter, the structures were identified with gas chromatography-mass spectrometer and infrared spectrometer. The experimental result show that the percentages yield of glycerol was 28.1%.

Key word: *Glycerol, transesterification.*