

**UNDERGRADUATE THESIS**

**MICROWAVE-ASSISTED TRANSESTERIFICATION OF  
CASTOR OIL CATALYZED WITH Na<sub>2</sub>O/ZrO<sub>2</sub> FOR THE PRODUCTION  
OF BIODIESEL**

***TRANSESTERIFIKASI MINYAK JARAK DENGAN BANTUAN  
GELOMBANG MIKRO TERKATALISIS Na<sub>2</sub>O/ZrO<sub>2</sub> UNTUK PRODUKSI  
BIODIESEL***

Was made and proposed to fulfill academic requirements in obtaining  
Chemistry Major Undergraduate Chemistry



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