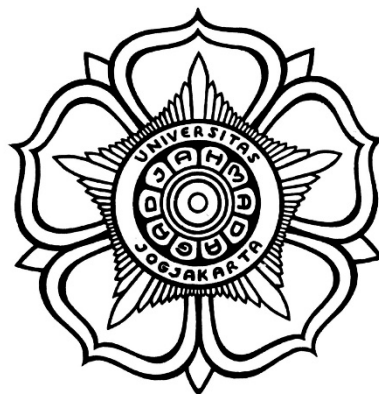


**UNDERGRADUATE THESIS**

**THE EFFECT OF ACETIC ACID AND SODIUM HYDROXIDE TREATMENT TOWARDS THE CHARACTER OF WONOSARI NATURAL ZEOLITE AS Cu, Ni AND Zn METAL SUPPORT FOR HYDROTREATMENT CATALYST OF CASTOR OIL INTO BIOFUEL**

***PENGARUH PERLAKUAN ASAM ASETAT DAN NATRIUM HIDROKSIDA TERHADAP KARAKTER ZEOLIT ALAM WONOSARI SEBAGAI PENGEMBAN LOGAM Cu, Ni DAN Zn UNTUK KATALIS HYDROTREATMENT MINYAK JARAK MENJADI BIOFUEL***



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