

UNDERGRADUATE THESIS

**SYNTHESIS OF CHIRAL PHOSPHORIC ACID CATALYST AND
ITS APPLICATION IN ENANTIOSELECTIVE AMIDOALKYLATION
REACTION OF 2,5-DIMETHYLPYRROLE AND
5-HYDROXYBUTYROLACTAM**

***SINTESIS KATALIS ASAM FOSFAT KIRAL DAN APLIKASINYA PADA
REAKSI AMIDOALKILASI ENANTIOSELEKTIF 2,5-DIMETILPIROL DAN
5-HIDROKSIBUTIROLAKTAM***



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**BACHELOR OF CHEMISTRY
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FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

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Submitted to fulfill one of the requirements to obtain the degree of
Bachelor of Chemistry



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APPROVAL PAGE

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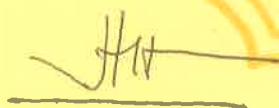
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Arranged by:

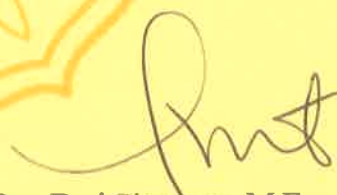
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Mengetahui,
a.n. Dekan FMIPA UGM
Wakil Dekan Bidang Pendidikan, Pengajaran
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