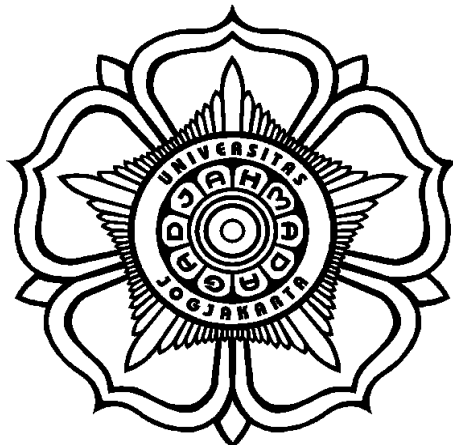


**APPLICATION OF TLC AND $^1\text{H-NMR}$ SPECTRA BASED METABOLITE
FINGERPRINTING COMBINED WITH CHEMOMETRICS AS AN
INTEGRATED STUDY FOR THE AUTHENTICATION OF *Curcuma longa***

THESIS

**To fulfill some of the requirements for getting
Degree of *Master of Pharmaceutical Science* (M.Pharm.Sci.)**

Master of Pharmaceutical Science and Technology



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**POSTGRADUATE PROGRAM
FACULTY OF PHARMACY
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