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Characterization, Extraction, and Analytical Method Development for Qualitative Analysis of Mitragynine Alkaloids from Kratom (*Mitragyna speciosa*) Plant
AZKA MUHAMMAD R, Dr. rer. nat. apt. Rr. Endang Lukitaningsih
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THESIS

CHARACTERIZATION, EXTRACTION AND ANALYTICAL METHOD DEVELOPMENT FOR QUALITATIVE ANALYSIS OF MITRAGYNINE ALKALOIDS FROM KRATOM (*Mitragyna speciosa*) PLANT

Master of Pharmaceutical Science Program



By:

Azka Muhammad Rusydan

19/447941/PFA/01946

for
MASTER PROGRAM
MASTER OF PHARMACEUTICAL SCIENCE
FACULTY OF PHARMACY
UNIVERSITAS GADJAH MADA
YOGYAKARTA
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