

ABSTRAK

STANDARDISASI PARAMETER NON SPESIFIK SERBUK SIMPLISIA DAUN RAMANIA (*Bouea Macrophylla* Griffith) (Oleh: Murni; Pembimbing: Fitriyani, M. Andi Chandra; 2024; 46 page)

Tumbuhan Ramania (*Bouea Macrophylla* Griffith.) memiliki potensi yang begitu besar untuk dimanfaatkan sebagai tumbuhan obat tradisional. Standarisasi non-spesifik terhadap serbuk simplisia etanol 96% daun ramania (*Bouea Macrophylla* Griffith) merupakan tahap awal untuk memberi penjaminan konsistensi kualitas dan mutu ekstrak agar memenuhi syarat sebagai obat tradisional. Tujuan penelitian ini untuk menetapkan parameter non spesifik susut pengeringan, kadar sari larut air, kadar sari larut etanol, kadar abu, dan cemaran logam berat pada standarisasi serbuk simplisia daun ramania (*Bouea macrophylla* Griffith). Jenis penelitian yang dilakukan adalah penelitian eksperimental, yaitu melakukan standarisasi non spesifik yang meliputi susut pengeringan, kadar sari larut air, kadar sari larut etanol, kadar abu, dan cemaran logam berat. Hasil parameter non spesifik yaitu susut penegeringan (9,8429%), kadar sari larut air (1,3730%), kadar sari larut etanol (1,7309%), kadar abu total (3,59%), kadar abu tak larut asam (0,18%), dan cemaran logam berat Pb 0,001 mg/kg, Cd 0,001 mg/kg, dan Hg 0,00004 mg/kg. Hasil tersebut disimpulkan bahwa parameter non-spesifik serbuk simplisia daun ramania (*Bouea macrophylla* Griffith) memenuhi standar yang ditetapkan.

Kata Kunci: *Bouea macrophylla* Griffith, Simplisia, Parameter Non-Spesifik

ABSTRACT

STANDARDIZATION OF NON-SPECIFIC PARAMETERS OF SIMPLISIA POWDER OF RAMANIA (*Bouea Macrophylla Griffith*) (By: Murni; Advisors: Fitriyani, M. Andi Chandra; 2024; 46 page)

*Ramania plants (*Bouea Macrophylla Griffith.*) have such great potential to be utilized as traditional medicinal plants. Non-specific standardization of 96% ethanol simplisia powder of ramania leaves (*Bouea Macrophylla Griffith*) is the initial stage to provide assurance of quality consistency and quality of extracts to qualify as traditional medicines. The purpose of this study was to determine the non-specific parameters of drying shrinkage, water soluble juice content, ethanol soluble juice content, ash content, and heavy metal contamination in the standardization of ramania leaf (*Bouea macrophylla Griffith*) simplisia powder. The type of research conducted is experimental research, namely conducting non-specific standardization which includes drying shrinkage, water soluble juice content, ethanol soluble juice content, ash content, and heavy metal contamination. The results of non-specific parameters are drying shrinkage (9.8429%), water soluble juice content (1.3730%), ethanol soluble juice content (1.7309%), total ash content (3.59%), acid insoluble ash content (0.18%), and heavy metal contamination of Pb 0.001 mg/kg, Cd 0.001 mg/kg, and Hg 0.00004 mg/kg. These results concluded that the non-specific parameters of ramania (*Bouea macrophylla Griffith*) leaf simplisia powder meet the established standards.*

Keywords: *Bouea macrophylla Griffith, Simplisia, Non-Specific Parameters*