

ABSTRAK

Secara tradisional, masyarakat telah menggunakan tanaman randu sebagai obat. Daun randu dipercaya dapat digunakan sebagai obat kudis, batuk, asma, radang usus, disentri, radang kandung kemih dan amandel. Penelitian Standarisasi Ekstrak Etanol Daun Randu (*Ceiba Pentandra* (L.) Gaertn.) Bertujuan untuk mengetahui Parameter Standarisasi spesifik dan non spesifik Ekstrak Daun Randu. Penelitian ini menggunakan metode maserasi. Hasil standarisasi parameter spesifik identitas dan organoleptik simplisia berwarna hijau kehitaman dengan rasa pahit dan bau khas aromatik. Hasil standarisasi parameter spesifik senyawa terlarut dalam pelarut tertentu dari kadar sari larut air pada ekstrak dan simplisia masing-masing $16,9333\% \pm 0,5773$ dan $3,68\% \pm 0,0692$. Kadar sari larut etanol pada ekstrak dan simplisia masing-masing $3,4666\% \pm 0,9237$ dan $3,5733\% \pm 1,2239$. Hasil standarisasi parameter non-spesifik dari susut pengeringan ekstrak dan simplisia masing-masing $1,1666\% \pm 0,0577$ dan $0,4\% \pm 6,7987$. Kadar air ekstrak dan simplisia masing-masing 5,6% dan 6%. Kadar abu total simplisia dan ekstrak masing-masing $3,6462\% \pm 0,5948$ dan $10,1911\% \pm 1,5444$.

Kata kunci: Daun randu, Maserasi, Standarisasi ekstrak etanol



ABSTRACT

Traditionally, people have used kapok plants as medicine. Leaves are believed to be used as scurvy, cough, asthma, intestinal inflammation, dysentery, inflammation of the bladder and amndel. Research on Standardization of Randu Leaves (Ceiba Pentandra (L.) Gaertn.) Ethanol Extract Aim to find out the specific and non specific parameters of the Randu Leaves Extract. This research uses maceration method. The results of the standardization of specific parameters of identity and organoleptic simplicia are blackish green with a bitter taste and aromatic odor. The results of the standardization of specific parameters of dissolved compounds in certain solvents of water soluble extracts in extracts and simplicia are $16.9333\% \pm 0.5773$ and $3.68\% \pm 0.0692$, respectively. The concentration of soluble ethanol extracts in extracts and simplicia were $3.4666\% \pm 0.9237$ and $3.5733\% \pm 1.2239$, respectively. The results of standardization of non-specific parameters of the drying shrinkage of extracts and simplicia were $1.1666\% \pm 0.0577$ and $0.4\% \pm 6.7987$, respectively. The extract and simplicia moisture content were 5.6% and 6%, respectively. Total simplicia ash content and extract were $3.6462\% \pm 0.5948$ and $10.1911\% \pm 1.5444$, respectively.

Key: Randu leaves, Maceration, Standardization of ethanol extract

