

ABSTRACT

One of the traditional medicine community that has been known to cure digestive problems are klutuk bananas. Klutuk bananas allegedly can relieve pain symptoms of gastric ulcers because of their natural antacid compounds contained therein are content Aluminium hydroxide. However, research on klutuk bananas mention the part of the most effective in treating peptic ulcers is unknown.

*The purpose of this study is to find out which part of the klutuk banana either fresh or steamed which has the highest aluminum content. The samples studied were part of the skin, flesh, and seeds klutuk banana (*Musa Balbisiana* Colla) fresh and steamed that had been treated. Determination of aluminum content carried by complexometric titration method.*

The results of the determination of aluminum content of each sample is a sample A (fresh young klutuk banana skin) = 0.354%, the sample B (fresh young klutuk banana flesh) = 0.405%, the sample C (fresh young klutuk banana seeds) = 0.473%, the sample D (steamed young klutuk banana skin) = 0.343%, the sample E (steamed young klutuk banana flesh) = 0.078%, the samples F (steamed young klutuk banana seeds) = 0.372%.

The results showed that the sample C (fresh young klutuk banana seeds) is a sample that has the highest aluminum content is equal to 0.473%, and a steaming treatment on samples affect the content of aluminum contained in the klutuk banana.

Keywords: Aluminium, klutuk bananas, natural antacid, complexometry.