

**KANDUNGAN ANTOSIANIN DAN ANTOSIANIDIN DARI JANTUNG PISANG
KLUTUK**

(*Musa brachycarpa* Back) DAN PISANG AMBON (*Musa acuminata* Colla)

[Anthocyanin Content and Identification of Anthocyanidin of Banana Bract Klutuk variety (*Musa brachycarpa* Back) and Ambon variety (*Musa acuminata* Colla)]

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ABSTRACT

The aims of this research were to determine total anthocyanin content and to explore the type of anthocyanidin of banana bract klutuk variety and ambon variety. The total anthocyanin content was determined with pH differential method, the data were then statistically-analyzed with t-test with 5 replications, whereas the exploration of anthocyanidin was based on Rf value and maximum absorbance of the spots on TLC, and also time retention of the peak on HPLC equipped with anthocyanidin standards. The results showed that the total anthocyanin content of banana bract of klutuk variety $909,44 \pm 280,53$ mg/ 100 g; which was significantly different from ambon variety $1515,40 \pm 193,74$ mg/ 100 g. The type anthocyanidin of banana bract of klutuk variety include delphinidin and cyanidin, whereas ambon variety were delphinidin, cyanidin, and pelargonidin.

Key words : *banana bract, total anthocyanin, type of anthocyanidin*