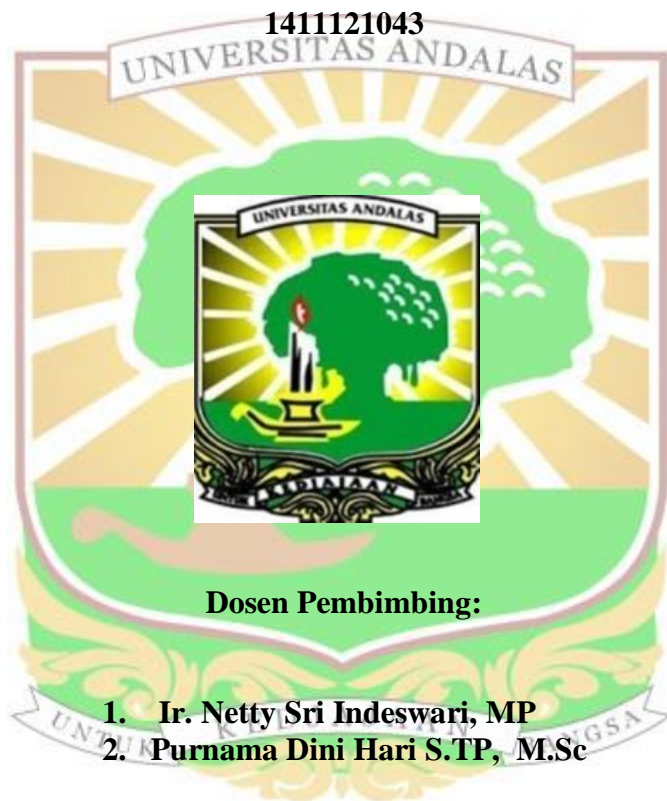


PENGARUH PENAMBAHAN BUBUK JAHE MERAH (*Zingiber officinale* var. *Rubrum*) TERHADAP KARAKTERISTIK MINUMAN KAHWA DAUN

ISLATHIFA SAFITHRI

1411121043



**PROGRAM STUDI TEKNOLOGI HASIL PERTANIAN
FAKULTAS TEKNOLOGI PERTANIAN
UNIVERSITAS ANDALAS
PADANG
2019**

Pengaruh Penambahan Bubuk Jahe merah (*Zingiber officinale* var. *Rubrum*) Terhadap Karakteristik Minuman Kahwa Daun

Islathifa Safithri, Netty Sri Indeswari, Purnama Dini Hari

ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh penambahan bubuk jahe merah (*Zingiber officinale* var. *Rubrum*) terhadap karakteristik serbuk kahwa daun dan menentukan jumlah penambahan bubuk jahe merah terbaik berdasarkan karakteristik sensori. Rancangan yang digunakan dalam penelitian ini adalah RAL (Rancangan Acak Lengkap) dengan 5 perlakuan jumlah penambahan bubuk jahe merah (7,5%, 10%, 12,5%, 15% dan 17,5%). Data yang didapatkan dianalisis menggunakan Analisis Sidik Ragam (ANOVA) yang dilanjutkan dengan uji DNMRT (*Duncan's New Multiple Range Test*) pada taraf 5%. Hasil penelitian menunjukkan penambahan bubuk jahe merah berpengaruh nyata pada kadar total polifenol dan tidak berpengaruh nyata pada kadar air, kadar abu, kadar kafein, aktivitas antioksidan, warna, aroma serta rasa produk. Penambahan bubuk jahe merah terbaik berdasarkan karakteristik sensori adalah 7,5%.

Kata Kunci: jahe merah, *Zingiber officinale*, kahwa daun, total polifenol, antioksidan



The Effect of Red Ginger Powder Addition (*Zingiber officinale* var. *Rubrum*) on The Characteristic of Kahwa Daun Beverage

Islathifa Safithri, Netty Sri Indeswari, Purnama Dini Hari

ABSTRACT

This research was aimed to determine the effect of red ginger powder addition (*Zingiber officinale* var. *Rubrum*) to characteristics of *kahwa daun* and to know best level of red ginger powder addition based on its sensory characteristics. This study used Completely Randomized Design (CRD) with 5 treatments of level red ginger powder addition (7,5%, 10%, 12,5%, 15% and 17,5%). Data was analyzed using ANOVA followed by DNMRT (Duncan's New Multiple Range Test) at the level of 5%. The results showed that red ginger powder addition had significant effect on total polyphenol content, and had no significant effect on water content, ash content, caffeine concentration, antioxidant activity, color, taste and aroma. The best of red ginger powder addition based on its sensory characteristic was 7.5%.

Keyword: red ginger, *Zingiber officinale*, *kahwa daun*, total polyphenol, antioxidant

