

**KANDUNGAN FITOKIMIA DAN AKTIVITAS ANTIOKSIDAN EKSTRAK
CASSIA VERA (Cinnamomum burmanii)**

Oleh:

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ABSTRACT

The objectives of this research were to determine the phy- tochemical content and antioxidant activity of cassia vera bark extract. This research showed that the total phenol content of cassia vera ethanol extract was 62.25 %I. It's also consist of tannin, flavonoids, triterpenoid, saponin. and alkaloid. On the other hand. antioxidant activity or ethanol extract was higher than acetone and water extract with protective ractors of 3.60; 3.02 and 1.77, respectively. It's also better than BHT with protective ractor of 1.08. The activity of ethanol extract at 200 ppm was higher than BHT at the same concentration with protective ractors or 2.1 and 1.25. respectively. Meanwhile. at 300 ppm the activity of this extract was also higher than <x:-tocopherol with protective factors of 2.17 and 1.35, respectively.