

ABSTRACT
(LITERATURE REVIEW)

ANTIBACTERIAL ACTIVITY OF RED GINGER (*Zingiber officinale* var. *Rubrum*) AGAINST *Escherichia coli*

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Red Ginger (*Zingiber officinale* var. *Rubrum*) contained antibacterial flavonoids, phenols, terpenoids, and essential oils. The objective of this study was to assess the antibacterial activity of red ginger (*Zingiber officinale* var. *Rubrum*) against *Escherichia coli* bacteria. This study was a retrospective examination of the antibacterial activity of red ginger (*Zingiber officinale* var. *Rubrum*). According to the findings of this study, red ginger (*Zingiber officinale* var. *Rubrum*) possessed antibacterial properties against *Escherichia coli* germs. The diameter of the biggest inhibitory zone in the third article at a concentration of 80% was determined to be 19,38 mm in replica 1 and 19,34 mm in replica 2 for the medium category. At a concentration of 100%, the inhibition zone was obtained, namely in replica 1 with a diameter of 25,70 mm and replica 2 with a diameter of 25,38 mm in the strong category.

Keywords: Antibacterial, red ginger (*Zingiber officinale* var. *Rubrum*), *Escherichia coli*