

**ANTI-BACTERIAL ACTIVITY OF *Pithecellobium bubalinum*
IN SEVERAL PREPARATIONS OF SEED INTAKE.**

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ABSTRACT

ANTI-BACTERIAL ACTIVITY OF *Pithecellobium bubalinum* IN SEVERAL PREPARATIONS OF SEED INTAKE

P. bubalinum has a bitter taste and stinky smell as this species from the same family of *Parkia speciosa* and *P. jiringa*. This three seed can be eaten raw as *ulam* or be prepared in several method before the intake. Research has been conducted to determine the anti-bacterial properties of *P. bubalinum* seeds extract against Gram-positive and Gram-negative bacteria by using disc diffusion method as well as to compare the effect of anti-bacterial properties of *P. bubalinum* seeds extract between three ways preparation of intake which is raw, heated and curing in soil. The concentration of crude extract is 100% while the positive control use is tetracycline and nitrofurantoin and the negative control is distilled water. The result show formation of inhibition zone towards Gram-positive bacteria which is *S. aureus* is larger with 12 ± 1 mm while inhibition Gram-negative which is *E. coli* is 9.7 ± 1.33 for raw extraction. Meanwhile, for curing extraction, only *S. aureus* shows a formation of zone of inhibition with 6.67 ± 0.57 mm. For heated extraction, both bacteria strain show no zone of inhibition. This result will be very helpful as guidance for folks to choose the best preparation method for effective anti-bacteria effects.